



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CINCINNATI, OHIO 45268

December 7, 2012

Walloon Holdings LLC – Owner
Hilton Garner
2153 Dryden Road and
2215 and 2219 East River Road
Moraine, Ohio 45439

Hilton Garner – Occupant
Globe Equipment
2153 Dryden Road and
2215 and 2219 East River Road
Moraine, Ohio 45459

Dear Mr. Garner:

Re: Summary of Results from 2012 Vapor Intrusion Study
South Dayton Dump and Landfill Site – Globe Equipment (Buildings 23 & 24)

The United States Environmental Protection Agency (U.S. EPA) prepared this letter to inform you of the results of the sub-slab (space under your building floor) and indoor air samples collected from your two properties in 2012. Samples were collected in 2012 as part of the vapor intrusion (VI) investigation at the South Dayton Dump and Landfill (SDDL) Site. Conestoga-Rovers & Associates (CRA) collected these samples to determine if solvent- or petroleum-related compounds (see Table 1) are present in soil vapor beneath the foundations and in the indoor air of your properties at concentrations which exceed sub-slab and/or indoor air VI screening levels, as established by the Ohio Department of Health (ODH).

VI is the migration of volatile chemicals from the subsurface into overlying buildings. VI is a potential concern at any building, existing or planned, located near soil, groundwater, or soil vapor containing solvent- or petroleum-related compounds that may volatilize or chemicals that are combustible.

The samples were collected by CRA and submitted to TestAmerica Inc. CRA received and validated the results of the laboratory analysis and submitted those results to the U.S. EPA.

The ODH has recommended the screening levels for sub-slab and indoor air samples. The screening levels represent concentrations of a substance that are unlikely to cause harmful (adverse) health effects in exposed people. Detections in indoor air below these levels are not of a health concern. A summary of the analytical results and comparisons to the ODH screening levels can be found in Table 1.

Compounds detected at concentrations greater than the ODH screening levels from sub-slab and indoor air samples are presented below. All of the air samples are measured in units called parts per billion by volume (ppbv). A map identifying each sample location within your buildings can be found in **Attachment A**.

TABLE 1
SUMMARY OF 2012 SAMPLING RESULTS
FOR
GLOBE EQUIPMENT

Building / Probe	Sampling Date	Sample Type	Parameter	ODH Screening Level (ppbv)	Detected Concentration (ppbv)
Building 23	January through August 2012	Indoor air and Sub-slab	All parameters which showed detections were at concentration levels below the ODH respective screening levels.		
Building 24 / Probe B	1-7-12	Sub-slab	TCE	20	37
Building 24 / Probe B	3-10-12	Sub-slab	TCE	20	30
Building 24 / Probe B	8-11-12	Sub-slab	TCE	20	48

Notes:

TCE – Trichloroethene

What do these results mean?

Building 23 (2153 Dryden Road)

In January, March and August 2012, all compounds were detected at concentrations less than the ODH screening levels for sub-slab and indoor air samples. Based on the laboratory results of the sub-slab and indoor air samples collected from Building 23, the U.S. EPA and ODH conclude that no additional sampling is required, at this time.

Building 24 (2215 and 2219 East River Road)

In January, March and August 2012, the chemical TCE was observed in 3 different sub-slab samples collected in Building 24. TCE concentrations ranged from 30 to 48 ppbv, which all exceed the ODH TCE sub-slab screening level of 20 ppbv. The chemical TCE was not observed in the indoor air samples collected in Building 24 at concentrations greater than the ODH TCE indoor air screening level of 2 ppbv. These results show that at the time of each sampling event in 2012, vapor intrusion has not been documented in Building 24, but that there is the potential for vapor intrusion to occur in the future.

The U.S. EPA and ODH would like to take this opportunity to thank you for participating in this important investigation.

If you have health-related questions, please contact Dr. Bob Frey at the ODH at 614-466-1069. If you have questions related to the sampling or on-going site investigation,

please visit our website at www.epaosc.org/southdaytonedumpsite or contact me at 513-569-7539.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve L. Renninger", enclosed in a thin black rectangular border.

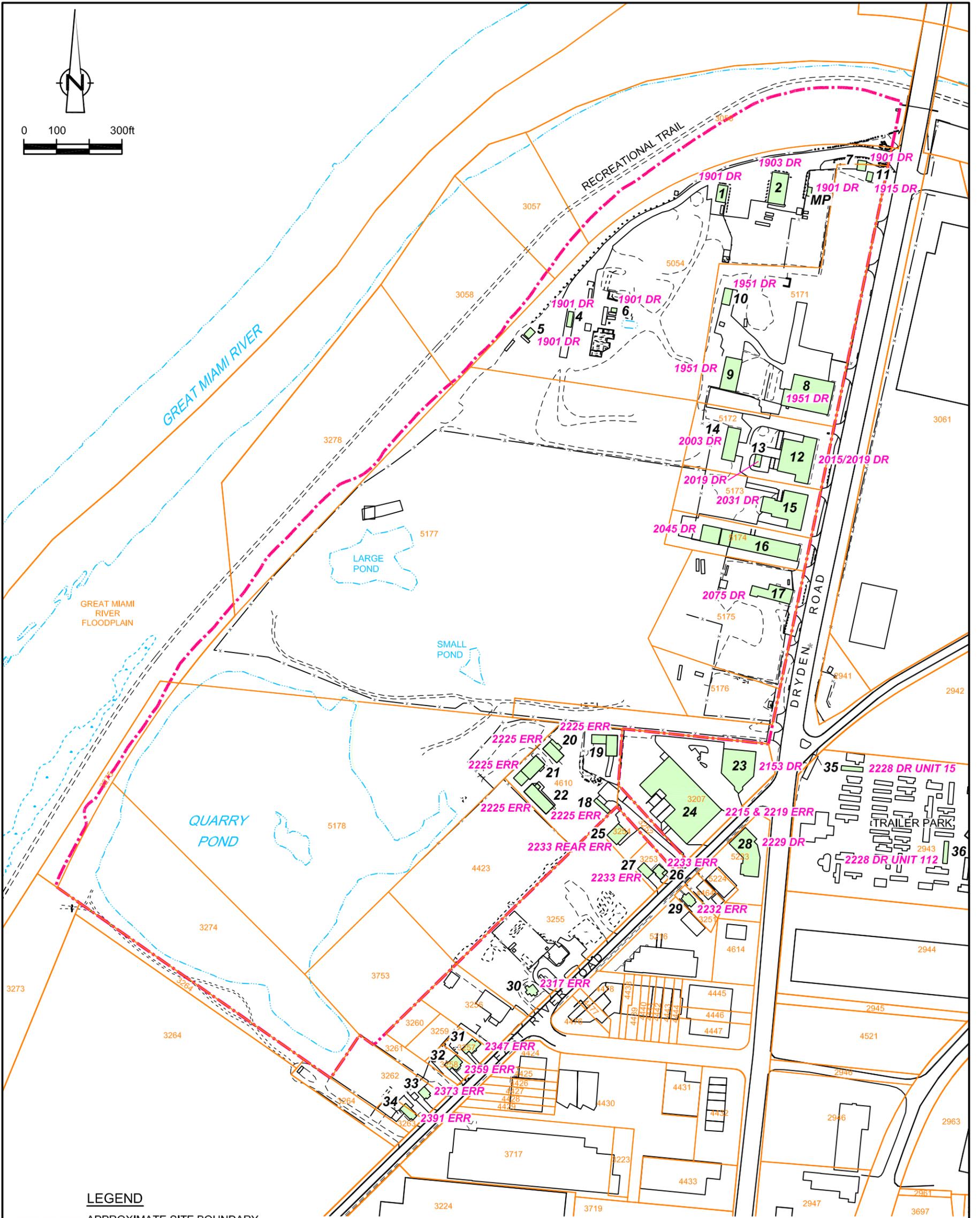
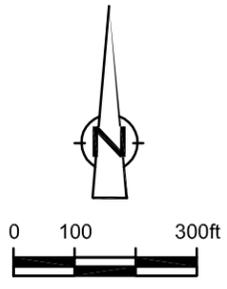
Steven L. Renninger
On-Scene Coordinator
U.S. EPA Region 5

Attachments:

- A – Sample Location Map
- B – Validated Analytical Results

cc: Leslie Patterson - U.S. EPA Remedial Program Manager
Laura Marshall - Ohio EPA, Site Coordinator
Adam Loney, CRA
Site File

ATTACHMENT A
SAMPLE LOCATION MAP



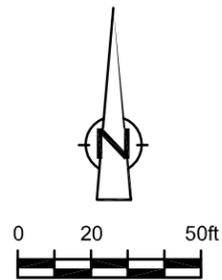
LEGEND

- - - - - APPROXIMATE SITE BOUNDARY
- - - - - EDGE OF WATER
- - - - - PARCEL BOUNDARY
- ERR** EAST RIVER ROAD
- DR** DRYDEN ROAD
- 3263 PARCEL NUMBER
- 1** USEPA REMOVAL PROGRAM BUILDING NUMBER
- 2391 ERR ADDRESS

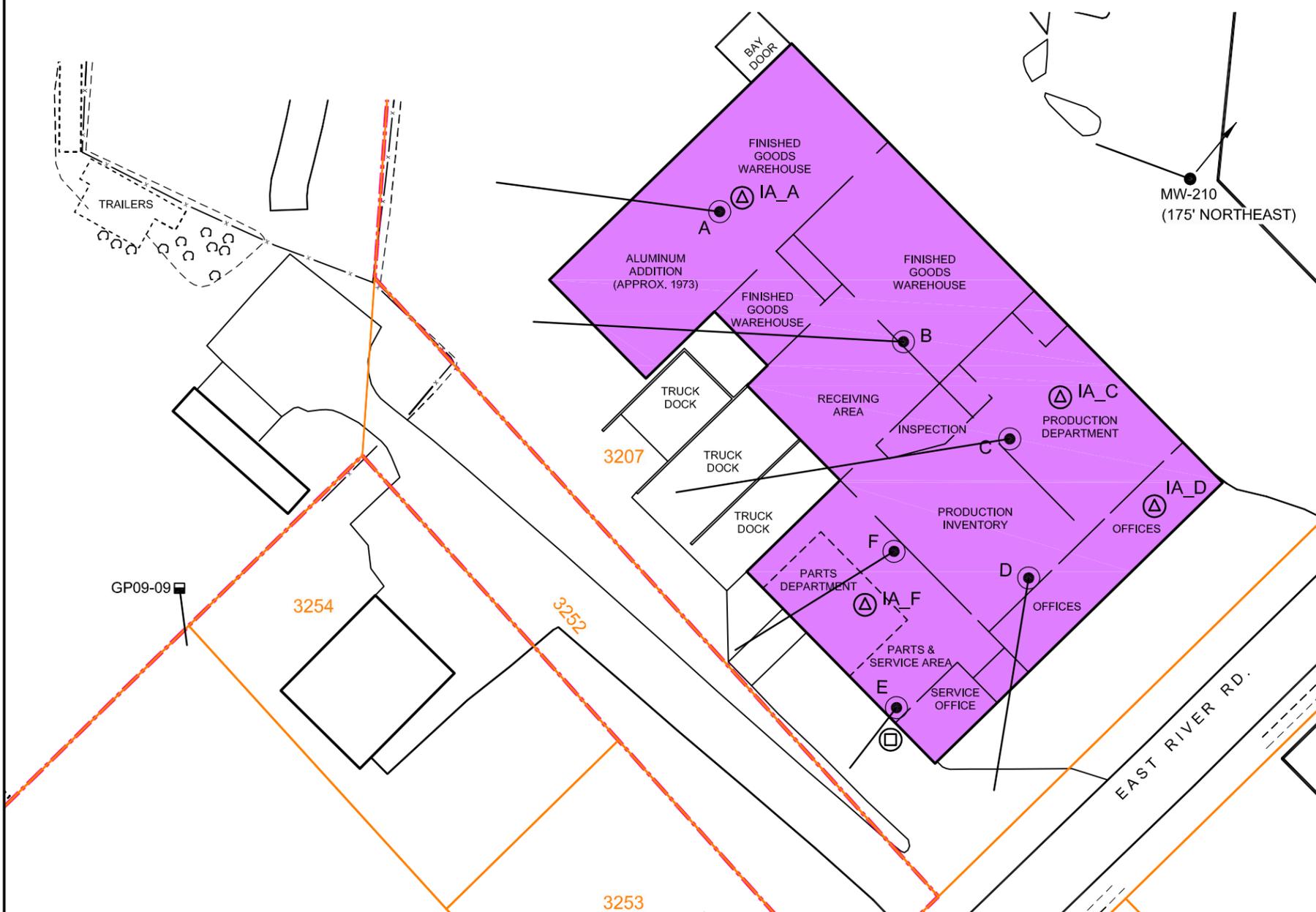
NOTE: 1901 DRYDEN ROAD PARCEL 5054 BUILDING 3 WAS DEMOLISHED IN FEBRUARY 2012.

**MITIGATION SUMMARY DATABASE BUILDING NUMBERS
SOUTH DAYTON DUMP AND LANDFILL SITE
Moraine, Ohio**

SOURCES:
 THE PAYNE FIRM, INC., PROJECT 0279.44.05, FIGURE 1, DATED 9/12/05;
 TETRA TECH EM INC., PROJECT L0312006-SOUTH DAYTON DUMP, FIGURE 2, SITE LAYOUT, 05/25/2004;
 CITY OF MORAINE,
 ABRAMS AERIAL SURVEY INC. PROJECT 38443, AASI 29610, 04/02/2008



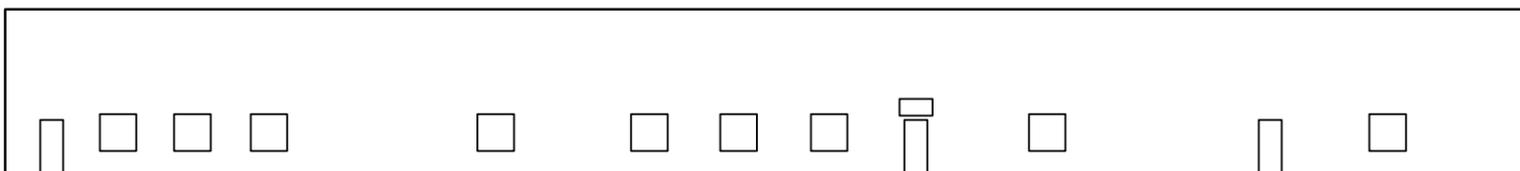
- LEGEND**
- - - APPROXIMATE SITE BOUNDARY
 - PARCEL BOUNDARY
 - SUB SLAB SOIL VAPOUR BUILDING LOCATION
 - MW-202 ● MONITORING WELL LOCATION
 - SUB SLAB SOIL VAPOR SAMPLE LOCATION
 - △ INDOOR AIR SAMPLE LOCATION
 - OUTDOOR AIR SAMPLE LOCATION



PROFILE VIEW ALONG EAST RIVER ROAD



N.T.S.
ASPHALT

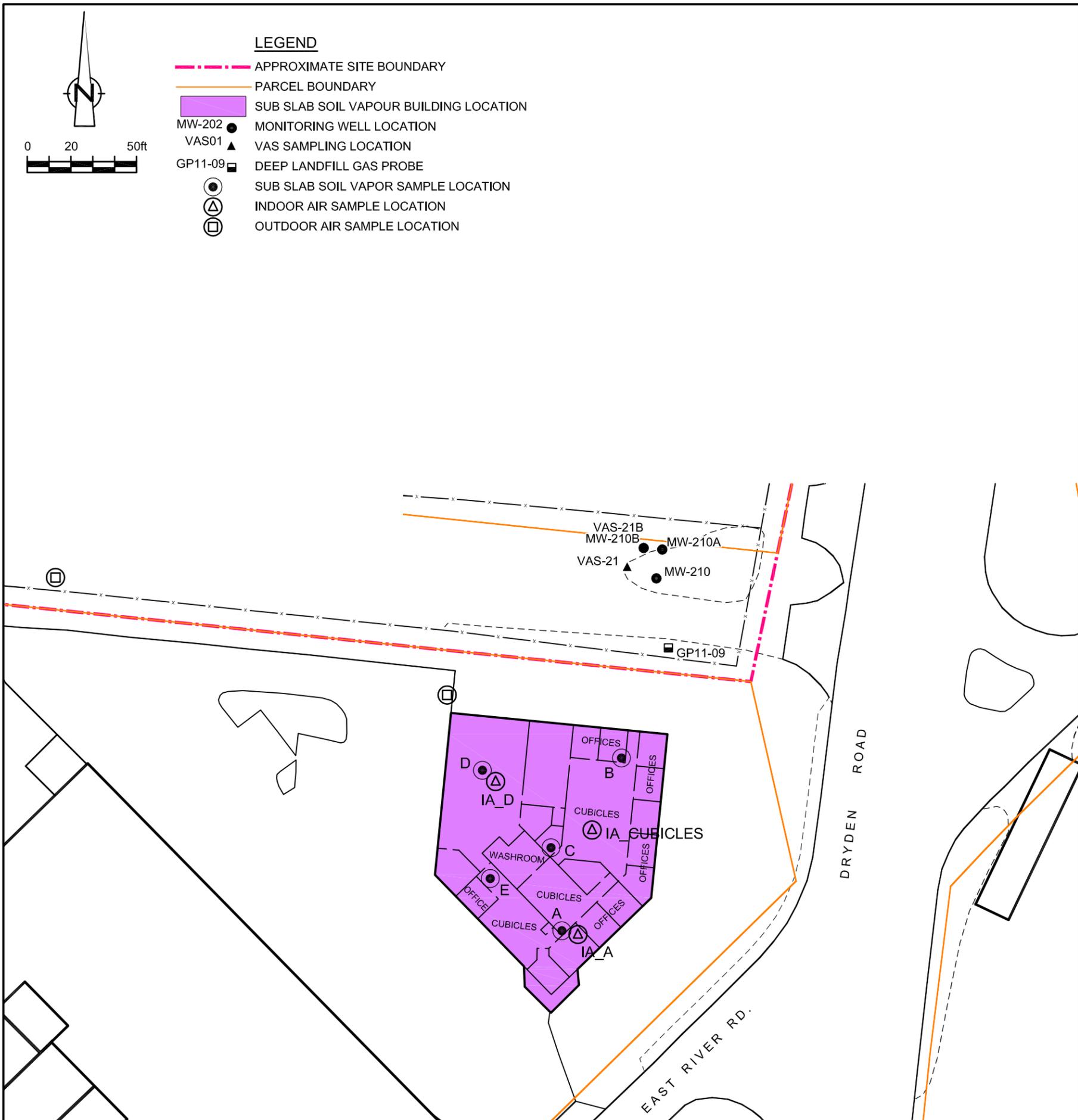


Building Characteristics:
 Single-story industrial-use slab-on-grade building. Primarily assembly/warehouse space with some office space. Main portion of the building constructed prior to 1968 of concrete block. Northern addition was constructed prior to 1973 of steel frame and aluminum siding. Total footprint is 19,803 sq. ft. Building is 16 ft. high, office space has 8 ft. drop ceilings. Majority of the building has bare concrete floors, except office space is carpeted. Some large cracks in the slab are visible, some cracks are sealed. Building is not insulated, average air tightness with no weather seals present. Heating provided by forced air natural gas furnace. Central A/C provided by roof-top units. Exterior openings - vents, fans, utility pipe penetrations, windows, bay doors, and personnel doors. Windows and bay doors are open in good weather. Occupied weekdays from 7 AM to 5 PM by approximately 25 adult workers.

PARCEL 3207 - GLOBE EQUIPMENT BUILDING 24
 2215 AND 2219 EAST RIVER ROAD
 SOUTH DAYTON DUMP AND LANDFILL SITE
 Moraine, Ohio



SOURCES:
 THE PAYNE FIRM, INC., PROJECT 0279.44.05, FIGURE 1, DATED 9/12/05;
 TETRA TECH EM INC., PROJECT L0312006-SOUTH DAYTON DUMP, FIGURE 2, SITE LAYOUT, 05/25/2004;
 CITY OF MORAINE.
 ABRAMS AERIAL SURVEY INC. PROJECT 38443, AASI 29610, 04/02/2008



PROFILE VIEW

N.T.S.



Building Characteristics:
 Single-story commercial/industrial-use building. Primarily office space with some assembly/warehouse space. Constructed in 2004 over historic location of gas station and junk yard. Footprint is 9,954 sq. ft. Slab-on-grade concrete building, unsealed joints in assembly/warehouse room. Wall-to-wall carpeting in the office space. Insulated and air tight building, with weather seals in good condition. Heating provided by forced air natural gas roof-top units. Central A/C provided by roof-top units. Exterior openings - vents, utility pipe penetrations, inoperable windows, personnel doors, roll-up door. Occupied weekdays from 8 AM to 5 PM by approximately 15 adult workers.

PARCEL 3207 - GLOBE EQUIPMENT BUILDING 23
 2153 DRYDEN ROAD
 SOUTH DAYTON DUMP AND LANDFILL SITE
 Moraine, Ohio



SOURCES:
 THE PAYNE FIRM, INC., PROJECT 0279.44.05, FIGURE 1, DATED 9/12/05;
 TETRA TECH EM INC., PROJECT L0312006-SOUTH DAYTON DUMP, FIGURE 2, SITE LAYOUT, 05/25/2004;
 CITY OF MORAINE.
 ABRAMS AERIAL SURVEY INC. PROJECT 38443, AASI 29610, 04/02/2008

ATTACHMENT B
VALIDATED ANALYTICAL RESULTS

TABLE 1

SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

Sample Location:	Building 23, Probe A	Building 23, Probe A	Building 23, Probe A	Building 23, Probe B	Building 23, Probe B			
Sample Location:	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road			
Sample Date:	1/7/2012	3/10/2012	8/11/2012	1/7/2012	3/10/2012			
Parameter	Units	ODH Sub-Slab	ODH Sub-Slab					
		Screening Levels (Non-residential)	Action Levels (Non-residential)	a	b			
Chloromethane (Methyl chloride)	ppb	NC	NC	0.24 J	0.16 U	0.32 U	0.065 U	0.16 U
cis-1,2-Dichloroethene	ppb	370	3700	0.061 J	0.060 U	0.14 J	0.070 U	0.060 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.016 U	0.074 U	0.15 U	0.080 U	0.074 U
Cyclohexane	ppb	NC	NC	2.2	2.1	11	0.20 U	0.040 U
Cymene (p-Isopropyltoluene)	ppb	NC	NC	1.3	0.23	0.92	0.24 U	0.057 U
Dibromochloromethane	ppb	NC	NC	0.021 U	0.042 U	0.084 U	0.11 U	0.042 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.72	0.48	0.73	0.54 J	0.38
Ethylbenzene	ppb	2500	25000	1.3	0.84	3.0	0.11 U	0.068 U
Hexachlorobutadiene	ppb	NC	NC	0.065 U	0.078 U	0.16 UJ	0.33 U	0.078 UJ
Hexane	ppb	NC	NC	2.7	1.8	8.1	0.13 U	0.045 J
Isopropyl alcohol	ppb	NC	NC	2.7J	9.7	0.088 U	0.19 U	1.8 J
Isopropyl benzene	ppb	NC	NC	4.1	3.5	13	0.16 U	0.060 U
m&p-Xylenes	ppb	2000	20000	4.6	3.6	14	0.24 U	0.12 U
Methyl methacrylate	ppb	NC	NC	0.76	0.079 U	0.16 U	0.065 U	0.079 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.016 U	0.17 U	0.34 U	0.080 U	0.17 U
Methylene chloride	ppb	NC	NC	0.18 U	0.26 J	0.090 U	0.45 U	0.37 J
Naphthalene	ppb	29	NC	2.6 J	0.26 J	0.18 UJ	0.43 U	0.090 UJ
N-Butylbenzene	ppb	NC	NC	0.055 U	0.92	2.2	0.28 U	0.046 U
N-Decane	ppb	NC	NC	-	-	1.5 J	-	-
N-Dodecane	ppb	NC	NC	-	-	0.30 J	-	-
N-Heptane	ppb	NC	NC	1.7	0.81	1.9	0.050 U	0.047 U
Nonane	ppb	NC	NC	-	-	2.0	-	-
N-Propylbenzene	ppb	NC	NC	0.35	0.23 J	0.83	0.25 U	0.056 U
N-Undecane	ppb	NC	NC	-	-	0.12 U	-	-
Octane	ppb	NC	NC	-	-	0.66 J	-	-
o-Xylene	ppb	2000	20000	4.8	4.2	16	0.11 U	0.061 U
Pentane	ppb	NC	NC	-	-	32	-	-
Styrene	ppb	NC	NC	0.030 U	0.058 U	0.12 U	0.15 U	0.058 U
tert-Butyl alcohol	ppb	NC	NC	5.9	4.1	9.8	0.36 U	0.22 J
tert-Butylbenzene	ppb	NC	NC	0.047 U	0.35 J	0.13 U	0.24 U	0.066 U
Tetrachloroethene	ppb	250	2500	3.0	3.0	6.6	1.3	1.1
Tetrahydrofuran	ppb	NC	NC	1.3 J	1.4	0.16 J	0.090 U	0.063 U
Toluene	ppb	NC	NC	5.3	4.8	18	0.090 U	0.14 J
trans-1,2-Dichloroethene	ppb	NC	NC	0.032 U	0.050 U	0.10 U	0.16 U	0.050 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.020 U	0.048 U	0.096 U	0.10 U	0.048 U
Trichloroethene	ppb	20	200	1.0	0.81	2.8	0.15 U	0.051 J
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.48	0.44	1.7	0.33 J	0.31
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.082 J	0.074 J	0.12 J	0.050 U	0.063 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.019 U	0.035 U	0.070 U	0.095 U	0.035 U
Vinyl chloride	ppb	20	200	0.029 U	0.071 U	0.14 U	0.15 U	0.071 U
Xylenes (total)	ppb	NC	NC	9.4	-	-	0.11 U	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>	<i>Building 23, Probe A</i>	<i>Building 23, Probe A</i>	<i>Building 23, Probe A</i>	<i>Building 23, Probe B</i>	<i>Building 23, Probe B</i>
<i>Sample Location:</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>
<i>Sample Date:</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>		
	<i>a</i>	<i>b</i>			
<i>Tentatively Identified Compounds (TIC) Volatiles</i>					
(1R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	6.3 JN	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	-	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	-	50 NJ
1,1-Difluoroethane A	ppb	NC	NC	-	12 NJ
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	12 NJ
1-Ethyl-3-methylbenzene A	ppb	NC	NC	4.9 JN	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	7.3 NJ
1R- α -Pinene A	ppb	NC	NC	-	11 NJ
2-Methylbutane A	ppb	NC	NC	-	-
2-Methylpentane A	ppb	NC	NC	-	37 NJ
3-Methylhexane A	ppb	NC	NC	-	13 NJ
3-Methylpentane A	ppb	NC	NC	-	-
4-Methyloctane A	ppb	NC	NC	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	7.5 NJ
Acetaldehyde A	ppb	110	NC	-	-
Cyclohexane, methyl A	ppb	NC	NC	5.9 JN	-
Cyclopentane, methyl- A	ppb	NC	NC	-	30 NJ
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	54 JN	-
Cymene A	ppb	NC	NC	7.2 JN	-
Ethylcyclohexane A	ppb	NC	NC	-	5.2 NJ
Heptane, 2-methyl- A	ppb	NC	NC	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	6.6 NJ
Isobutane A	ppb	NC	NC	-	-
Isobutylene A	ppb	NC	NC	-	75 NJ
Isopropyl cyclobutane A	ppb	NC	NC	-	-
N-Chlorosuccinimide A	ppb	NC	NC	-	-
Pentane A	ppb	NC	NC	-	-
					120 JN

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>			<i>Building 23, Probe A</i>			<i>Building 23, Probe A</i>			<i>Building 23, Probe A</i>			<i>Building 23, Probe B</i>			<i>Building 23, Probe B</i>
<i>Sample Location:</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>
<i>Sample Date:</i>			<i>1/7/2012</i>			<i>3/10/2012</i>			<i>8/11/2012</i>			<i>1/7/2012</i>			<i>3/10/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>												
				<i>a</i>	<i>b</i>										
Pinene A	ppb	NC	NC	10 JN	-	-	-	-	-	-	-	-	-	-	-
Propane A	ppb	NC	NC	-	-	-	-	U	-	-	-	-	-	-	-
Silanol, trimethyl- A	ppb	NC	NC	-	-	-	-	-	-	9.1 JN	-	-	-	-	-
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	6.3 NJ	-	-	-	-	-	-	-
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Unknown 1	ppb	NC	NC	30 J	-	-	-	-	-	140 J	-	-	-	-	-
Unknown 2	ppb	NC	NC	20 J	-	-	-	-	-	150 J	-	-	-	-	-
Unknown 3	ppb	NC	NC	7.5 J	-	-	-	-	-	79 J	-	-	-	-	-
Unknown 4	ppb	NC	NC	41 J	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ppb	NC	NC	-	-	-	-	7.5 NJ	-	-	-	-	-	-	-
Unknown B	ppb	NC	NC	-	-	-	-	7.3 NJ	-	-	-	-	-	-	-
Unknown C	ppb	NC	NC	-	-	-	-	5.6 NJ	-	-	-	-	-	-	-
Unknown D	ppb	NC	NC	-	-	-	-	5.2 NJ	-	-	-	-	-	-	-
Unknown E	ppb	NC	NC	-	-	-	-	7.2 NJ	-	-	-	-	-	-	-
Unknown F	ppb	NC	NC	-	-	-	-	5.9 NJ	-	-	-	-	-	-	-
Unknown G	ppb	NC	NC	-	-	-	-	13 NJ	-	-	-	-	-	-	-
Unknown H	ppb	NC	NC	-	-	-	-	6.9 NJ	-	-	-	-	-	-	-
Unknown I	ppb	NC	NC	-	-	-	-	5.9 NJ	-	-	-	-	-	-	-
Unknown J	ppb	NC	NC	-	-	-	-	22 NJ	-	-	-	-	-	-	-
Unknown K	ppb	NC	NC	-	-	-	-	140 NJ	-	-	-	-	-	-	-
Unknown L	ppb	NC	NC	-	-	-	-	410 NJ	-	-	-	-	-	-	-
Unknown M	ppb	NC	NC	-	-	-	-	92 NJ	-	-	-	-	-	-	-
Unknown N	ppb	NC	NC	-	-	-	-	13 NJ	-	-	-	-	-	-	-
Gases															
Methane	%	0.5	0.5	-	-	-	-	0.18 U	-	-	-	-	-	-	-
Field Parameter															
Methane, field (unfiltered)	%	0.5	0.5	0.0 /0.0	-	-	-	-	-	0.0 /0.0	-	-	-	-	-
Methane, field (filtered)	%	0.5	0.5	-	0.0 /0	0 /0	-	-	-	-	-	-	-	0.0 /0.0	-

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- Not applicable.
- Concentration was greater than applicable criteria.

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location:				Building 23, Probe B 2153 Dryden Road 8/11/2012	Building 23, Probe C 2153 Dryden Road 1/7/2012	Building 23, Probe C 2153 Dryden Road 3/10/2012	Building 23, Probe C 2153 Dryden Road 8/11/2012	Building 23, Probe C 2153 Dryden Road 8/11/2012 <i>Duplicate</i>
Sample Location:								
Sample Date:								
Parameter	Units	ODH Sub-Slab Screening Levels (Non-residential)	ODH Sub-Slab Action Levels (Non-residential)					
		a	b					
Volatile Organic Compounds								
1,1,1-Trichloroethane	ppb	NC	NC	0.074 J	0.29 J	0.33	0.39 J	0.41
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.061 U	0.12 U	0.061 U	0.12 U	0.12 U
1,1,2-Trichloroethane	ppb	NC	NC	0.054 U	0.057 U	0.054 U	0.11 U	0.11 U
1,1-Dichloroethane	ppb	160	1600	0.026 U	0.10 U	0.026 U	0.052 U	0.052 U
1,1-Dichloroethene	ppb	NC	NC	0.032 U	0.090 U	0.032 U	0.064 U	0.064 U
1,2,4-Trichlorobenzene	ppb	NC	NC	0.098 UJ	0.15 U	0.098 UJ	0.20 UJ	0.20 UJ
1,2,4-Trimethylbenzene	ppb	NC	NC	0.063 U	0.60	0.063 U	1.2	1.3
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.044 U	0.054 U	0.044 U	0.088 U	0.088 U
1,2-Dichlorobenzene	ppb	NC	NC	0.070 U	0.14 U	0.070 U	0.14 U	0.14 U
1,2-Dichloroethane	ppb	NC	NC	0.047 U	0.093 U	0.054 J	0.094 U	0.094 U
1,2-Dichloroethene (total)	ppb	NC	NC	-	0.042 U	-	-	-
1,2-Dichloropropane	ppb	NC	NC	0.052 U	0.042 U	0.052 U	0.10 U	0.10 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U	0.096 U	0.032 U	0.064 U	0.064 U
1,3,5-Trimethylbenzene	ppb	NC	NC	0.065 U	1.7	0.17 J	2.9	2.6
1,3-Butadiene	ppb	NC	NC	0.064 U	0.030 U	0.064 U	0.13 U	0.13 U
1,3-Dichlorobenzene	ppb	NC	NC	0.065 U	0.13 U	0.065 U	0.13 U	0.13 U
1,4-Dichlorobenzene	ppb	NC	NC	0.064 U	0.13 U	0.064 U	0.13 U	0.13 U
1,4-Dioxane	ppb	NC	NC	0.080 U	0.47 J	0.27 J	0.16 U	0.16 U
2,2,4-Trimethylpentane	ppb	NC	NC	0.039 U	1.6	1.1	1.8	2.0
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.25 J	1.2 J	0.53 J	0.76 J	0.70 J
2-Chlorotoluene	ppb	NC	NC	0.063 U	0.14 U	0.063 U	0.13 U	0.13 U
2-Hexanone	ppb	NC	NC	0.058 U	0.12 U	0.058 U	0.12 U	0.12 U
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.064 U	0.63	0.064 U	0.35 J	0.33 J
4-Ethyl toluene	ppb	NC	NC	0.066 U	0.95	0.11 J	0.95	0.91
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.045 U	0.078 U	0.045 U	0.090 U	0.090 U
Acetone	ppb	NC	NC	5.0	13 J	7.8	13	12
Allyl chloride	ppb	NC	NC	0.048 U	0.057 U	0.048 U	0.096 U	0.096 U
Benzene	ppb	20	200	0.056 U	3.9	3.1	4.8	5.1
Benzyl chloride	ppb	NC	NC	0.078 U	0.14 U	0.078 U	0.16 U	0.16 U
Bromodichloromethane	ppb	NC	NC	0.044 U	0.084 U	0.044 U	0.088 U	0.088 U
Bromoform	ppb	NC	NC	0.048 U	0.057 U	0.048 U	0.096 U	0.096 U
Bromomethane (Methyl bromide)	ppb	NC	NC	0.032 U	0.036 U	0.032 U	0.064 U	0.064 U
Butane	ppb	NC	NC	0.082 J	29	21	38	44
Carbon disulfide	ppb	NC	NC	0.031 U	0.71 J	0.12 J	0.22 J	0.45 J
Carbon tetrachloride	ppb	NC	NC	0.060 J	0.099 U	0.038 U	0.076 U	0.076 U
Chlorobenzene	ppb	NC	NC	0.049 U	0.060 U	0.049 U	0.14 J	0.15 J
Chlorodifluoromethane	ppb	NC	NC	9.4	0.76 J	1.1	7.6	7.9
Chloroethane	ppb	NC	NC	0.035 U	0.048 U	0.064 J	0.086 J	0.088 J
Chloroform (Trichloromethane)	ppb	800	8000	0.038 U	0.093 U	0.048 J	0.10 J	0.11 J

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>				<i>Building 23, Probe B</i>	<i>Building 23, Probe C</i>			
<i>Sample Location:</i>				<i>2153 Dryden Road</i>				
<i>Sample Date:</i>				<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>8/11/2012</i>
								<i>Duplicate</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>					
		<i>a</i>	<i>b</i>					
Chloromethane (Methyl chloride)	ppb	NC	NC	0.16 U	0.039 U	0.16 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	ppb	370	3700	0.060 U	0.042 U	0.060 U	0.12 U	0.12 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.074 U	0.048 U	0.074 U	0.15 U	0.15 U
Cyclohexane	ppb	NC	NC	0.040 U	3.9	3.3	5.8	6.7
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.057 U	1.1	0.10 J	0.67	0.59
Dibromochloromethane	ppb	NC	NC	0.042 U	0.063 U	0.042 U	0.084 U	0.084 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.54	1.0 J	0.97	0.58	0.62
Ethylbenzene	ppb	2500	25000	0.068 U	1.4	0.93	1.6	1.6
Hexachlorobutadiene	ppb	NC	NC	0.078 U	0.19 U	0.078 U	0.16 UJ	0.16 UJ
Hexane	ppb	NC	NC	0.051 J	5.6	3.3	5.3	5.8
Isopropyl alcohol	ppb	NC	NC	0.23 J	0.11 U	4.7	0.71 J	0.67 J
Isopropyl benzene	ppb	NC	NC	0.060 U	0.73	0.22 J	0.63 J	0.59 J
m&p-Xylenes	ppb	2000	20000	0.12 U	3.9	1.2	6.0	5.9
Methyl methacrylate	ppb	NC	NC	0.079 U	1.3 J	0.079 U	0.16 U	0.16 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.17 U	0.048 U	0.17 U	0.34 U	0.34 U
Methylene chloride	ppb	NC	NC	0.045 U	0.32 U	0.59	0.090 U	0.090 U
Naphthalene	ppb	29	NC	0.090 UJ	0.29 J	0.090 UJ	0.18 UJ	0.18 UJ
N-Butylbenzene	ppb	NC	NC	0.046 U	0.16 U	0.046 U	0.59 J	0.50 J
N-Decane	ppb	NC	NC	0.056 UJ	-	-	0.35 J	0.92 J
N-Dodecane	ppb	NC	NC	0.17 J	-	-	0.17 J	0.16 J
N-Heptane	ppb	NC	NC	0.047 U	2.6	1.5	1.1	1.3
Nonane	ppb	NC	NC	0.043 U	-	-	0.43 J	0.47 J
N-Propylbenzene	ppb	NC	NC	0.056 U	0.61	0.056 U	0.31 J	0.30 J
N-Undecane	ppb	NC	NC	0.062 U	-	-	0.12 U	0.12 U
Octane	ppb	NC	NC	0.036 U	-	-	0.089 J	0.11 J
o-Xylene	ppb	2000	20000	0.061 U	4.1	0.73	6.8	6.5
Pentane	ppb	NC	NC	0.21 J	-	-	22	23
Styrene	ppb	NC	NC	0.058 U	0.090 U	0.058 U	0.12 U	0.12 U
tert-Butyl alcohol	ppb	NC	NC	0.057 J	6.2 J	7.0	11	11
tert-Butylbenzene	ppb	NC	NC	0.066 U	0.14 U	0.066 U	0.13 U	0.13 U
Tetrachloroethene	ppb	250	2500	2.8	3.8	3.3	4.5	5.0
Tetrahydrofuran	ppb	NC	NC	0.063 U	0.68 J	2.5	0.48 J	0.53 J
Toluene	ppb	NC	NC	0.087 J	9.8	8.5	11	12
trans-1,2-Dichloroethene	ppb	NC	NC	0.050 U	0.096 U	0.050 U	0.10 U	0.10 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.048 U	0.060 U	0.048 U	0.096 U	0.096 U
Trichloroethene	ppb	20	200	0.41	0.98	0.90	1.2	1.4
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.46	1.3	1.3	0.71	0.79
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.085 J	0.11 J	0.15 J	0.082 J	0.095 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.035 U	0.057 U	0.035 U	0.070 U	0.070 U
Vinyl chloride	ppb	20	200	0.071 U	0.087 U	0.071 U	0.14 U	0.14 U
Xylenes (total)	ppb	NC	NC	-	8.0	-	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>	<i>Building 23, Probe B</i>	<i>Building 23, Probe C</i>	<i>Building 23, Probe C</i>	<i>Building 23, Probe C</i>	<i>Building 23, Probe C</i>
<i>Sample Location:</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>
<i>Sample Date:</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>8/11/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>		<i>Duplicate</i>
	<i>a</i>	<i>b</i>			
<i>Tentatively Identified Compounds (TIC) Volatiles</i>					
(1R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	-	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	-	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	-	-
1,1-Difluoroethane A	ppb	NC	NC	25 NJ	55 NJ
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-3-methylbenzene A	ppb	NC	NC	-	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	-
1R- α -Pinene A	ppb	NC	NC	-	6.4 NJ
2-Methylbutane A	ppb	NC	NC	-	22 NJ
2-Methylpentane A	ppb	NC	NC	-	9.1 NJ
3-Methylhexane A	ppb	NC	NC	-	-
3-Methylpentane A	ppb	NC	NC	-	6.1 NJ
4-Methyloctane A	ppb	NC	NC	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-
Acetaldehyde A	ppb	110	NC	-	-
Cyclohexane, methyl A	ppb	NC	NC	11 JN	14 NJ
Cyclopentane, methyl- A	ppb	NC	NC	-	6.1 NJ
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	48 JN	-
Cymene A	ppb	NC	NC	-	-
Ethylcyclohexane A	ppb	NC	NC	-	-
Heptane, 2-methyl- A	ppb	NC	NC	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	-
Isobutane A	ppb	NC	NC	-	51 NJ
Isobutylene A	ppb	NC	NC	12 JN	46 NJ
Isopropyl cyclobutane A	ppb	NC	NC	-	-
N-Chlorosuccinimide A	ppb	NC	NC	-	-
Pentane A	ppb	NC	NC	10 JN	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>				<i>Building 23, Probe B</i>	<i>Building 23, Probe C</i>			
<i>Sample Location:</i>				<i>2153 Dryden Road</i>				
<i>Sample Date:</i>				<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>8/11/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>					<i>Duplicate</i>
		<i>a</i>	<i>b</i>					
Pinene A	ppb	NC	NC	-	21 JN	-	-	-
Propane A	ppb	NC	NC	U	-	-	U	U
Silanol, trimethyl- A	ppb	NC	NC	-	13 JN	-	-	-
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	3.8 NJ
Unknown 1	ppb	NC	NC	-	32 J	-	-	-
Unknown 2	ppb	NC	NC	-	84 J	-	-	-
Unknown 3	ppb	NC	NC	-	5.9 J	-	-	-
Unknown 4	ppb	NC	NC	-	48 J	-	-	-
Unknown A	ppb	NC	NC	7.0 NJ	-	-	80 NJ	4.5 NJ
Unknown B	ppb	NC	NC	260 NJ	-	-	24 NJ	87 NJ
Unknown C	ppb	NC	NC	-	-	-	6.2 NJ	25 NJ
Unknown D	ppb	NC	NC	-	-	-	-	7.2 NJ
Unknown E	ppb	NC	NC	-	-	-	-	-
Unknown F	ppb	NC	NC	-	-	-	-	-
Unknown G	ppb	NC	NC	-	-	-	-	-
Unknown H	ppb	NC	NC	-	-	-	-	-
Unknown I	ppb	NC	NC	-	-	-	-	-
Unknown J	ppb	NC	NC	-	-	-	-	-
Unknown K	ppb	NC	NC	-	-	-	-	-
Unknown L	ppb	NC	NC	-	-	-	-	-
Unknown M	ppb	NC	NC	-	-	-	-	-
Unknown N	ppb	NC	NC	-	-	-	-	-
Gases								
Methane	%	0.5	0.5	0.20 U	-	-	0.19 U	0.19 U
Field Parameter								
Methane, field (unfiltered)	%	0.5	0.5	-	0.0 /0.0	-	-	-
Methane, field (filtered)	%	0.5	0.5	0 /0	-	0.0 /0.0	0 /0	0 /0

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- Not applicable.
- Concentration was greater than applicable criteria.

TABLE 1

SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>				<i>Building 23, Probe D</i>	<i>Building 23, Probe E</i>				
<i>Sample Location:</i>				<i>2153 Dryden Road</i>					
<i>Sample Date:</i>				<i>1/7/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	
					<i>Duplicate</i>				
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>						
		<i>a</i>	<i>b</i>						
<i>Volatile Organic Compounds</i>									
1,1,1-Trichloroethane	ppb	NC	NC	0.10 U	0.10 U	0.030 U	0.17 J	0.10 U	
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.12 U	0.12 U	0.061 U	0.12 U	0.12 U	
1,1,2-Trichloroethane	ppb	NC	NC	0.057 U	0.057 U	0.054 U	0.11 U	0.057 U	
1,1-Dichloroethane	ppb	160	1600	0.10 U	0.10 U	0.026 U	0.052 U	0.10 U	
1,1-Dichloroethene	ppb	NC	NC	0.090 U	0.090 U	0.032 U	0.064 U	0.090 U	
1,2,4-Trichlorobenzene	ppb	NC	NC	0.15 U	0.15 U	0.098 UJ	0.20 UJ	0.15 U	
1,2,4-Trimethylbenzene	ppb	NC	NC	0.16 U	0.16 U	0.063 U	0.13 U	0.16 U	
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.054 U	0.054 U	0.044 U	0.088 U	0.054 U	
1,2-Dichlorobenzene	ppb	NC	NC	0.14 U	0.14 U	0.070 U	0.14 U	0.14 U	
1,2-Dichloroethane	ppb	NC	NC	0.093 U	0.093 U	0.047 U	0.094 U	0.093 U	
1,2-Dichloroethene (total)	ppb	NC	NC	0.042 U	0.042 U	-	-	0.042 U	
1,2-Dichloropropane	ppb	NC	NC	0.042 U	0.042 U	0.052 U	0.10 U	0.042 U	
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.096 U	0.096 U	0.032 U	0.064 U	0.096 U	
1,3,5-Trimethylbenzene	ppb	NC	NC	0.15 U	0.15 U	0.065 U	0.13 U	0.15 U	
1,3-Butadiene	ppb	NC	NC	0.030 U	0.030 U	0.064 U	0.13 U	0.030 U	
1,3-Dichlorobenzene	ppb	NC	NC	0.13 U	0.13 U	0.065 U	0.13 U	0.13 U	
1,4-Dichlorobenzene	ppb	NC	NC	0.13 U	0.13 U	0.064 U	0.13 U	0.13 U	
1,4-Dioxane	ppb	NC	NC	0.26 U	0.26 U	0.080 J	0.17 J	0.26 U	
2,2,4-Trimethylpentane	ppb	NC	NC	0.11 U	0.11 U	0.039 U	0.078 U	0.11 U	
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.55 J	0.64 J	0.62 J	0.85 J	0.42 J	
2-Chlorotoluene	ppb	NC	NC	0.14 U	0.14 U	0.063 U	0.13 U	0.14 U	
2-Hexanone	ppb	NC	NC	0.12 U	0.12 U	0.058 U	0.12 U	0.12 U	
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.14 U	0.14 U	0.064 U	0.13 U	0.14 U	
4-Ethyl toluene	ppb	NC	NC	0.14 U	0.14 U	0.066 U	0.13 U	0.14 U	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.078 U	0.078 U	0.071 J	0.090 U	0.078 U	
Acetone	ppb	NC	NC	21	18	14	17	9.9 J	
Allyl chloride	ppb	NC	NC	0.057 U	0.057 U	0.048 U	0.096 U	0.057 U	
Benzene	ppb	20	200	0.054 U	0.054 U	0.066 J	0.18 J	0.054 U	
Benzyl chloride	ppb	NC	NC	0.14 UJ	0.14 UJ	0.078 U	0.16 U	0.14 UJ	
Bromodichloromethane	ppb	NC	NC	0.084 U	0.084 U	0.044 U	0.088 U	0.084 U	
Bromoform	ppb	NC	NC	0.057 U	0.057 U	0.048 U	0.096 U	0.057 U	
Bromomethane (Methyl bromide)	ppb	NC	NC	0.036 U	0.036 U	0.032 U	0.064 U	0.036 U	
Butane	ppb	NC	NC	12	9.3	7.6	13	0.49 J	
Carbon disulfide	ppb	NC	NC	1.0 J	0.66 J	0.54	0.84 J	0.28 J	
Carbon tetrachloride	ppb	NC	NC	0.099 U	0.099 U	0.068 J	0.076 U	0.099 U	
Chlorobenzene	ppb	NC	NC	0.060 U	0.060 U	0.049 U	0.098 U	0.060 U	
Chlorodifluoromethane	ppb	NC	NC	0.10 U	0.10 U	0.71	6.5	0.10 U	
Chloroethane	ppb	NC	NC	0.074 J	0.048 U	0.13 J	0.13 J	0.048 U	
Chloroform (Trichloromethane)	ppb	800	8000	0.093 U	0.093 U	0.058 J	0.076 U	0.093 U	

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

<i>Sample Location:</i>								
<i>Sample Location:</i>								
<i>Sample Date:</i>								
				<i>Building 23, Probe D 2153 Dryden Road 1/7/2012</i>	<i>Building 23, Probe D 2153 Dryden Road 1/7/2012 Duplicate</i>	<i>Building 23, Probe D 2153 Dryden Road 3/10/2012</i>	<i>Building 23, Probe D 2153 Dryden Road 8/11/2012</i>	<i>Building 23, Probe E 2153 Dryden Road 1/7/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>					
		<i>a</i>	<i>b</i>					
Chloromethane (Methyl chloride)	ppb	NC	NC	0.20 J	0.039 U	0.16 U	0.32 U	0.44 J
cis-1,2-Dichloroethene	ppb	370	3700	0.042 U	0.042 U	0.060 U	0.12 U	0.042 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.048 U	0.048 U	0.074 U	0.15 U	0.048 U
Cyclohexane	ppb	NC	NC	0.12 U	0.12 U	0.040 U	0.20 J	0.12 U
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.14 U	0.14 U	0.057 U	0.11 U	0.14 U
Dibromochloromethane	ppb	NC	NC	0.063 U	0.063 U	0.042 U	0.084 U	0.063 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.58 J	0.46 J	0.45	0.60	0.64 J
Ethylbenzene	ppb	2500	25000	0.066 U	0.066 U	0.068 U	0.14 U	0.066 U
Hexachlorobutadiene	ppb	NC	NC	0.19 U	0.19 U	0.078 U	0.16 UJ	0.19 U
Hexane	ppb	NC	NC	0.12 J	0.27 J	0.12 J	0.78 J	0.12 J
Isopropyl alcohol	ppb	NC	NC	1.5 J	0.11 U	3.1	1.2 J	1.4 J
Isopropyl benzene	ppb	NC	NC	0.093 U	0.093 U	0.060 U	0.12 U	0.093 U
m&p-Xylenes	ppb	2000	20000	0.14 U	0.14 U	0.12 U	0.24 U	0.14 U
Methyl methacrylate	ppb	NC	NC	0.039 U	0.039 U	0.079 U	0.16 U	0.039 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.048 U	0.048 U	0.17 U	0.34 U	0.048 U
Methylene chloride	ppb	NC	NC	0.19 U	0.19 J	0.24 J	11	0.31 U
Naphthalene	ppb	29	NC	0.26 UJ	0.26 UJ	0.090 UJ	0.18 UJ	0.26 UJ
N-Butylbenzene	ppb	NC	NC	0.16 U	0.16 U	0.046 U	0.092 U	0.16 U
N-Decane	ppb	NC	NC	-	-	-	0.11 J	-
N-Dodecane	ppb	NC	NC	-	-	-	0.23 J	-
N-Heptane	ppb	NC	NC	0.030 U	0.18 J	0.047 U	0.094 U	0.030 U
Nonane	ppb	NC	NC	-	-	-	0.086 U	-
N-Propylbenzene	ppb	NC	NC	0.15 U	0.15 U	0.056 U	0.11 U	0.15 U
N-Undecane	ppb	NC	NC	-	-	-	0.12 J	-
Octane	ppb	NC	NC	-	-	-	0.072 U	-
o-Xylene	ppb	2000	20000	0.066 U	0.066 U	0.061 U	0.12 U	0.066 U
Pentane	ppb	NC	NC	-	-	-	3.3	-
Styrene	ppb	NC	NC	0.090 U	0.090 U	0.058 U	0.12 J	0.090 U
tert-Butyl alcohol	ppb	NC	NC	0.21 U	0.21 U	2.1	1.0 J	0.21 U
tert-Butylbenzene	ppb	NC	NC	0.14 U	0.14 U	0.066 U	0.13 U	0.14 U
Tetrachloroethene	ppb	250	2500	1.5	1.9	1.3	3.3	0.85
Tetrahydrofuran	ppb	NC	NC	0.054 U	0.054 U	0.12 J	0.13 U	0.054 U
Toluene	ppb	NC	NC	0.38 J	0.25 J	0.17 J	0.94	0.18 J
trans-1,2-Dichloroethene	ppb	NC	NC	0.096 U	0.096 U	0.050 U	0.10 U	0.096 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.060 U	0.060 U	0.048 U	0.096 U	0.060 U
Trichloroethene	ppb	20	200	0.49 J	0.48 J	0.36	0.98	0.37 J
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.28 J	0.25 J	0.28	0.95	0.29 J
Trifluorotrichloroethane (Freon 113)	ppb	NC	NC	0.068 J	0.065 J	0.064 J	0.091 J	0.072 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.057 U	0.057 U	0.035 U	0.070 U	0.057 U
Vinyl chloride	ppb	20	200	0.087 U	0.087 U	0.071 U	0.14 U	0.087 U
Xylenes (total)	ppb	NC	NC	0.066 U	0.066 U	-	-	0.066 U

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>			<i>Building 23, Probe D</i>			<i>Building 23, Probe D</i>			<i>Building 23, Probe D</i>			<i>Building 23, Probe D</i>			<i>Building 23, Probe E</i>
<i>Sample Location:</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>			<i>2153 Dryden Road</i>
<i>Sample Date:</i>			<i>1/7/2012</i>			<i>1/7/2012</i>			<i>3/10/2012</i>			<i>8/11/2012</i>			<i>1/7/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>												
		<i>a</i>	<i>b</i>												
<i>Tentatively Identified Compounds (TIC) Volatiles</i>															
(1R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Difluoroethane A	ppb	NC	NC	-	-	-	-	-	-	-	22 NJ	-	-	-	-
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
1R- α -Pinene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ppb	NC	NC	-	-	-	-	-	-	-	5.5 NJ	-	-	-	-
2-Methylpentane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylhexane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylpentane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyloctane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Acetaldehyde A	ppb	110	NC	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane, methyl A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentane, methyl- A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	53 JN	-	28 JN	-	-	-	-	-	-	-	24 JN	-
Cymene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclohexane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Heptane, 2-methyl- A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Isobutane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Isobutylene A	ppb	NC	NC	4.9 JN	-	4.0 JN	-	-	-	-	17 NJ	-	-	-	-
Isopropyl cyclobutane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
N-Chlorosuccinimide A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-
Pentane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>				<i>Building 23, Probe D</i>	<i>Building 23, Probe E</i>			
<i>Sample Location:</i>				<i>2153 Dryden Road</i>				
<i>Sample Date:</i>				<i>1/7/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>1/7/2012</i>
					<i>Duplicate</i>			
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>					
		<i>a</i>	<i>b</i>					
Pinene A	ppb	NC	NC	-	-	-	-	-
Propane A	ppb	NC	NC	-	-	-	U	-
Silanol, trimethyl- A	ppb	NC	NC	6.1 JN	6.6 JN	-	-	-
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-
Unknown 1	ppb	NC	NC	3.5 J	3.0 J	-	-	34 J
Unknown 2	ppb	NC	NC	5.1 J	4.5 J	-	-	7.1 J
Unknown 3	ppb	NC	NC	98 J	98 J	-	-	94 J
Unknown 4	ppb	NC	NC	81 J	35 J	-	-	42 J
Unknown A	ppb	NC	NC	-	-	-	19 NJ	-
Unknown B	ppb	NC	NC	-	-	-	32 NJ	-
Unknown C	ppb	NC	NC	-	-	-	160 NJ	-
Unknown D	ppb	NC	NC	-	-	-	26 NJ	-
Unknown E	ppb	NC	NC	-	-	-	-	-
Unknown F	ppb	NC	NC	-	-	-	-	-
Unknown G	ppb	NC	NC	-	-	-	-	-
Unknown H	ppb	NC	NC	-	-	-	-	-
Unknown I	ppb	NC	NC	-	-	-	-	-
Unknown J	ppb	NC	NC	-	-	-	-	-
Unknown K	ppb	NC	NC	-	-	-	-	-
Unknown L	ppb	NC	NC	-	-	-	-	-
Unknown M	ppb	NC	NC	-	-	-	-	-
Unknown N	ppb	NC	NC	-	-	-	-	-
<i>Gases</i>								
Methane	%	0.5	0.5	0.064 U	-	-	0.18 U	-
<i>Field Parameter</i>								
Methane, field (unfiltered)	%	0.5	0.5	0.0 /0.0	0.0 /0.0	-	-	0.0 /0.0
Methane, field (filtered)	%	0.5	0.5	-	-	0.0 /0.0	0 /0	-

Notes:

J - The chemical was detected by the laboratory, the listed value is an approximate concentration
 JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
 U - The chemical was not detected in the sample at the detection limit shown.
 UJ - The chemical was not detected in the sample at the approximate detection limit shown.
 NC - No criterion
 - - Not applicable.
 - Concentration was greater than applicable criteria.

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location:	Building 23, Probe E	Building 23, Probe E	Building 24, Probe A	Building 24, Probe A	Building 24, Probe A			
Sample Location:	2153 Dryden Road	2153 Dryden Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road			
Sample Date:	3/10/2012	8/11/2012	1/7/2012	3/10/2012	3/10/2012			
Parameter	Units	ODH Sub-Slab	ODH Sub-Slab					
		Screening Levels (Non-residential)	Action Levels (Non-residential)					
		a	b					
Volatile Organic Compounds								
1,1,1-Trichloroethane	ppb	NC	NC	0.054 J	0.080 J	0.18 U	0.28 J	-
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.061 U	0.061 U	0.20 U	0.12 U	-
1,1,2-Trichloroethane	ppb	NC	NC	0.054 U	0.054 U	0.095 U	0.11 U	-
1,1-Dichloroethane	ppb	160	1600	0.026 U	0.026 U	0.18 U	0.052 U	-
1,1-Dichloroethene	ppb	NC	NC	0.032 U	0.032 U	0.15 U	0.064 U	-
1,2,4-Trichlorobenzene	ppb	NC	NC	0.098 UJ	0.098 UJ	0.25 U	0.20 UJ	-
1,2,4-Trimethylbenzene	ppb	NC	NC	0.063 U	0.11 J	0.26 U	0.13 U	-
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.044 U	0.044 U	0.090 U	0.088 U	-
1,2-Dichlorobenzene	ppb	NC	NC	0.070 U	0.070 U	0.24 U	0.14 U	-
1,2-Dichloroethane	ppb	NC	NC	0.047 U	0.047 U	0.16 U	0.094 U	-
1,2-Dichloroethene (total)	ppb	NC	NC	-	-	0.91 J	-	-
1,2-Dichloropropane	ppb	NC	NC	0.052 U	0.052 U	0.070 U	0.10 U	-
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U	0.032 U	0.21 J	0.090 J	-
1,3,5-Trimethylbenzene	ppb	NC	NC	0.065 U	0.065 U	0.26 U	0.13 U	-
1,3-Butadiene	ppb	NC	NC	0.064 U	0.064 U	0.050 U	0.13 U	-
1,3-Dichlorobenzene	ppb	NC	NC	0.065 U	0.065 U	0.22 U	0.13 U	-
1,4-Dichlorobenzene	ppb	NC	NC	0.064 U	0.064 U	0.22 U	0.13 U	-
1,4-Dioxane	ppb	NC	NC	0.080 U	0.080 U	0.44 U	0.16 UJ	-
2,2,4-Trimethylpentane	ppb	NC	NC	0.039 U	0.039 U	0.18 U	0.078 U	-
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.20 U	0.88 J	0.085 U	0.40 U	-
2-Chlorotoluene	ppb	NC	NC	0.063 U	0.063 U	0.24 U	0.13 U	-
2-Hexanone	ppb	NC	NC	0.058 U	0.058 U	0.20 U	0.12 UJ	-
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.064 U	0.064 U	0.24 U	0.13 U	-
4-Ethyl toluene	ppb	NC	NC	0.066 U	0.066 U	0.23 U	0.13 U	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.045 U	0.045 U	0.13 U	0.090 UJ	-
Acetone	ppb	NC	NC	4.5 J	11	2.6 J	3.9 J	-
Allyl chloride	ppb	NC	NC	0.048 U	0.048 U	0.095 U	0.096 U	-
Benzene	ppb	20	200	0.056 U	0.066 J	0.090 U	0.11 U	-
Benzyl chloride	ppb	NC	NC	0.078 U	0.078 U	0.23 UJ	0.16 U	-
Bromodichloromethane	ppb	NC	NC	0.044 U	0.044 U	0.14 U	0.088 U	-
Bromoform	ppb	NC	NC	0.048 U	0.048 U	0.095 U	0.096 U	-
Bromomethane (Methyl bromide)	ppb	NC	NC	0.032 U	0.032 U	0.060 U	0.064 U	-
Butane	ppb	NC	NC	2.3	0.53	0.055 U	0.99	-
Carbon disulfide	ppb	NC	NC	0.031 U	0.22 J	1.6 J	0.23 J	-
Carbon tetrachloride	ppb	NC	NC	0.060 J	0.065 J	0.17 U	0.076 U	-
Chlorobenzene	ppb	NC	NC	0.049 U	0.049 U	0.10 U	0.098 U	-
Chlorodifluoromethane	ppb	NC	NC	1.1	8.9	0.17 U	0.57	-
Chloroethane	ppb	NC	NC	0.035 U	0.035 U	0.080 U	0.070 U	-
Chloroform (Trichloromethane)	ppb	800	8000	0.038 U	0.051 J	0.16 U	0.076 U	-

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

<i>Sample Location:</i>				<i>Building 23, Probe E</i>	<i>Building 23, Probe E</i>	<i>Building 24, Probe A</i>	<i>Building 24, Probe A</i>	<i>Building 24, Probe A</i>
<i>Sample Location:</i>				<i>2153 Dryden Road</i>	<i>2153 Dryden Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>
<i>Sample Date:</i>				<i>3/10/2012</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>3/10/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>					
		<i>a</i>	<i>b</i>					
Chloromethane (Methyl chloride)	ppb	NC	NC	0.16 U	0.45 J	0.065 U	0.32 U	-
cis-1,2-Dichloroethene	ppb	370	3700	0.060 U	0.067 J	0.57 J	0.53	-
cis-1,3-Dichloropropene	ppb	NC	NC	0.074 U	0.074 U	0.080 U	0.15 U	-
Cyclohexane	ppb	NC	NC	0.040 U	0.19 J	0.20 U	0.080 U	-
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.057 U	0.057 U	0.24 U	0.11 U	-
Dibromochloromethane	ppb	NC	NC	0.042 U	0.042 U	0.11 U	0.084 U	-
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.51	0.50	2.3 J	0.97	-
Ethylbenzene	ppb	2500	25000	0.068 U	0.096 J	0.11 U	0.14 U	-
Hexachlorobutadiene	ppb	NC	NC	0.078 U	0.078 UJ	0.33 U	0.16 UJ	-
Hexane	ppb	NC	NC	0.11 J	0.30 J	0.13 U	0.079 J	-
Isopropyl alcohol	ppb	NC	NC	1.7 J	0.29 J	0.19 U	0.60 J	-
Isopropyl benzene	ppb	NC	NC	0.060 U	0.060 U	0.16 U	0.12 U	-
m&p-Xylenes	ppb	2000	20000	0.12 U	0.25	0.24 U	0.24 U	-
Methyl methacrylate	ppb	NC	NC	0.079 U	0.079 U	0.065 U	0.16 U	-
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.17 U	0.17 U	0.080 U	0.34 U	-
Methylene chloride	ppb	NC	NC	0.44 J	2.1	0.065 U	0.64 J	-
Naphthalene	ppb	29	NC	0.090 UJ	0.090 UJ	0.43 U	0.18 UJ	-
N-Butylbenzene	ppb	NC	NC	0.046 U	0.046 U	0.28 U	0.092 U	-
N-Decane	ppb	NC	NC	-	0.18 J	-	0.11 U	-
N-Dodecane	ppb	NC	NC	-	0.16 J	-	0.16 UJ	-
N-Heptane	ppb	NC	NC	0.047 U	0.14 J	0.050 U	0.094 U	-
Nonane	ppb	NC	NC	-	0.10 J	-	0.086 U	-
N-Propylbenzene	ppb	NC	NC	0.056 U	0.056 U	0.25 U	0.11 U	-
N-Undecane	ppb	NC	NC	-	0.16 J	-	0.12 UJ	-
Octane	ppb	NC	NC	-	0.12 J	-	0.072 U	-
o-Xylene	ppb	2000	20000	0.061 U	0.090 J	0.11 U	0.12 U	-
Pentane	ppb	NC	NC	-	0.78 J	-	0.12 U	-
Styrene	ppb	NC	NC	0.058 U	0.058 U	0.15 U	0.12 U	-
tert-Butyl alcohol	ppb	NC	NC	0.12 J	0.038 UJ	0.36 U	0.12 J	-
tert-Butylbenzene	ppb	NC	NC	0.066 U	0.066 U	0.24 U	0.13 U	-
Tetrachloroethene	ppb	250	2500	1.4	1.5	25	30	-
Tetrahydrofuran	ppb	NC	NC	0.063 U	0.11 J	0.090 U	0.13 U	-
Toluene	ppb	NC	NC	0.17 J	0.67	0.16 J	0.19 J	-
trans-1,2-Dichloroethene	ppb	NC	NC	0.050 U	0.050 U	0.34 J	0.27 J	-
trans-1,3-Dichloropropene	ppb	NC	NC	0.048 U	0.048 U	0.10 U	0.096 U	-
Trichloroethene	ppb	20	200	0.40	1.2	8.2	7.7	-
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.37	0.51	3.0	2.5	-
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.074 J	0.075 J	0.050 U	0.11 J	-
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.035 U	0.035 U	0.095 U	0.070 U	-
Vinyl chloride	ppb	20	200	0.071 U	0.071 U	0.15 U	0.14 U	-
Xylenes (total)	ppb	NC	NC	-	-	0.11 U	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>	<i>Building 23, Probe E</i>	<i>Building 23, Probe E</i>	<i>Building 24, Probe A</i>	<i>Building 24, Probe A</i>	<i>Building 24, Probe A</i>
<i>Sample Location:</i>	2153 Dryden Road	2153 Dryden Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road
<i>Sample Date:</i>	3/10/2012	8/11/2012	1/7/2012	3/10/2012	3/10/2012
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>		
		<i>a</i>	<i>b</i>		
<i>Tentatively Identified Compounds (TIC) Volatiles</i>					
(1R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	-	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	-	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	-	-
1,1-Difluoroethane A	ppb	NC	NC	27 NJ	-
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-3-methylbenzene A	ppb	NC	NC	-	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	-
1R- α -Pinene A	ppb	NC	NC	-	-
2-Methylbutane A	ppb	NC	NC	-	-
2-Methylpentane A	ppb	NC	NC	-	-
3-Methylhexane A	ppb	NC	NC	-	-
3-Methylpentane A	ppb	NC	NC	-	-
4-Methyloctane A	ppb	NC	NC	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-
Acetaldehyde A	ppb	110	NC	4.2 NJ	-
Cyclohexane, methyl A	ppb	NC	NC	-	-
Cyclopentane, methyl- A	ppb	NC	NC	-	-
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	-	84 JN
Cymene A	ppb	NC	NC	-	-
Ethylcyclohexane A	ppb	NC	NC	-	-
Heptane, 2-methyl- A	ppb	NC	NC	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	-
Isobutane A	ppb	NC	NC	-	-
Isobutylene A	ppb	NC	NC	-	-
Isopropyl cyclobutane A	ppb	NC	NC	-	-
N-Chlorosuccinimide A	ppb	NC	NC	-	-
Pentane A	ppb	NC	NC	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>	<i>Building 23, Probe E</i>	<i>Building 23, Probe E</i>	<i>Building 24, Probe A</i>	<i>Building 24, Probe A</i>	<i>Building 24, Probe A</i>	
<i>Sample Location:</i>	2153 Dryden Road	2153 Dryden Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	
<i>Sample Date:</i>	3/10/2012	8/11/2012	1/7/2012	3/10/2012	3/10/2012	
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>			
		<i>a</i>	<i>b</i>			
Pinene A	ppb	NC	NC	-	-	-
Propane A	ppb	NC	NC	-	U	-
Silanol, trimethyl- A	ppb	NC	NC	-	-	-
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-	-	-
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-	-	-
Unknown 1	ppb	NC	NC	-	6.5 J	-
Unknown 2	ppb	NC	NC	-	9.8 J	-
Unknown 3	ppb	NC	NC	-	190 J	-
Unknown 4	ppb	NC	NC	-	92 J	-
Unknown A	ppb	NC	NC	14 NJ	-	86 NJ
Unknown B	ppb	NC	NC	28 NJ	-	-
Unknown C	ppb	NC	NC	6.1 NJ	-	-
Unknown D	ppb	NC	NC	-	-	-
Unknown E	ppb	NC	NC	-	-	-
Unknown F	ppb	NC	NC	-	-	-
Unknown G	ppb	NC	NC	-	-	-
Unknown H	ppb	NC	NC	-	-	-
Unknown I	ppb	NC	NC	-	-	-
Unknown J	ppb	NC	NC	-	-	-
Unknown K	ppb	NC	NC	-	-	-
Unknown L	ppb	NC	NC	-	-	-
Unknown M	ppb	NC	NC	-	-	-
Unknown N	ppb	NC	NC	-	-	-
<i>Gases</i>						
Methane	%	0.5	0.5	-	0.35 U	0.18 U
<i>Field Parameter</i>						
Methane, field (unfiltered)	%	0.5	0.5	-	0.0 /0.0	-
Methane, field (filtered)	%	0.5	0.5	0.0 /0.0	0 /0	0 /0.0

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- Not applicable.
- Concentration was greater than applicable criteria.

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Sample Location:	Building 24, Probe A	Building 24, Probe B	Building 24, Probe B	Building 24, Probe B	Building 24, Probe B			
Sample Location:	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road			
Sample Date:	8/11/2012	1/7/2012	3/10/2012	3/10/2012	8/11/2012			
Parameter	Units	ODH Sub-Slab	ODH Sub-Slab					
		Screening Levels (Non-residential)	Action Levels (Non-residential)					
		a	b					
Volatile Organic Compounds								
1,1,1-Trichloroethane	ppb	NC	NC	0.26	3.6	3.3	-	4.8
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.061 U	0.14 U	0.061 U	-	0.061 U
1,1,2-Trichloroethane	ppb	NC	NC	0.054 U	0.067 U	0.054 U	-	0.054 U
1,1-Dichloroethane	ppb	160	1600	0.026 U	0.12 U	0.026 U	-	0.026 U
1,1-Dichloroethene	ppb	NC	NC	0.032 U	0.11 U	0.032 U	-	0.032 U
1,2,4-Trichlorobenzene	ppb	NC	NC	0.098 UJ	0.18 U	0.098 UJ	-	0.098 UJ
1,2,4-Trimethylbenzene	ppb	NC	NC	0.32	0.30 J	0.13 J	-	1.9
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.044 U	0.063 U	0.044 U	-	0.044 U
1,2-Dichlorobenzene	ppb	NC	NC	0.070 U	0.17 U	0.070 U	-	0.070 U
1,2-Dichloroethane	ppb	NC	NC	0.047 U	0.11 U	0.047 U	-	0.047 U
1,2-Dichloroethene (total)	ppb	NC	NC	-	0.049 U	-	-	-
1,2-Dichloropropane	ppb	NC	NC	0.052 U	0.049 U	0.052 U	-	0.052 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U	0.11 U	0.032 U	-	0.032 U
1,3,5-Trimethylbenzene	ppb	NC	NC	0.065 U	0.18 U	0.065 U	-	0.065 U
1,3-Butadiene	ppb	NC	NC	0.064 U	0.035 U	0.064 U	-	0.064 U
1,3-Dichlorobenzene	ppb	NC	NC	0.065 U	0.15 U	0.065 U	-	0.065 U
1,4-Dichlorobenzene	ppb	NC	NC	0.064 U	0.21 J	0.064 U	-	0.064 U
1,4-Dioxane	ppb	NC	NC	0.080 U	0.31 U	0.080 UJ	-	0.080 U
2,2,4-Trimethylpentane	ppb	NC	NC	0.039 U	0.13 U	0.039 U	-	0.039 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	1.0	7.0	0.27 J	-	0.50 J
2-Chlorotoluene	ppb	NC	NC	0.063 U	0.16 U	0.063 U	-	0.063 U
2-Hexanone	ppb	NC	NC	0.058 U	0.14 U	0.058 UJ	-	0.072 J
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.064 U	0.16 U	0.064 U	-	0.064 U
4-Ethyl toluene	ppb	NC	NC	0.066 U	0.16 U	0.066 U	-	0.18 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	2.6	0.25 J	0.045 UJ	-	0.073 J
Acetone	ppb	NC	NC	13	11 J	2.0 J	-	4.1 J
Allyl chloride	ppb	NC	NC	0.048 U	0.067 U	0.048 U	-	0.048 U
Benzene	ppb	20	200	0.099 J	0.063 U	0.056 U	-	0.056 U
Benzyl chloride	ppb	NC	NC	0.078 U	0.16 UJ	0.078 U	-	0.078 U
Bromodichloromethane	ppb	NC	NC	0.044 U	0.098 U	0.044 U	-	0.044 U
Bromoform	ppb	NC	NC	0.048 U	0.067 U	0.048 U	-	0.048 U
Bromomethane (Methyl bromide)	ppb	NC	NC	0.032 U	0.042 U	0.032 U	-	0.032 U
Butane	ppb	NC	NC	0.70	0.29 J	0.47	-	0.10 J
Carbon disulfide	ppb	NC	NC	0.22 J	11	0.18 J	-	0.29 J
Carbon tetrachloride	ppb	NC	NC	0.038 U	0.12 J	0.13 J	-	0.31
Chlorobenzene	ppb	NC	NC	0.049 U	0.070 U	0.049 U	-	0.049 U
Chlorodifluoromethane	ppb	NC	NC	0.99	0.12 U	0.44	-	1.1
Chloroethane	ppb	NC	NC	0.035 U	0.056 U	0.035 U	-	0.035 U
Chloroform (Trichloromethane)	ppb	800	8000	0.090 J	0.11 U	0.070 J	-	0.075 J

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Parameter	Units	ODH Sub-Slab		Building 24, Probe A		Building 24, Probe B		Building 24, Probe B		Building 24, Probe B	
		Screening Levels		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road	
		(Non-residential)		8/11/2012		1/7/2012		3/10/2012		3/10/2012	
		a	b								
Chloromethane (Methyl chloride)	ppb	NC	NC	0.27 J		0.30 J		0.16 U	-		0.30 J
cis-1,2-Dichloroethene	ppb	370	3700	0.85		0.049 U		0.093 J	-		0.060 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.074 U		0.056 U		0.074 U	-		0.074 U
Cyclohexane	ppb	NC	NC	0.24 J		0.14 J		0.040 U	-		0.040 U
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.057 U		1.0		0.057 U	-		0.086 J
Dibromochloromethane	ppb	NC	NC	0.042 U		0.074 U		0.042 U	-		0.042 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.95		0.61 J		0.35	-		0.66
Ethylbenzene	ppb	2500	25000	0.68		0.24 J		0.068 U	-		0.068 U
Hexachlorobutadiene	ppb	NC	NC	0.078 UJ		0.23 U		0.078 UJ	-		0.078 UJ
Hexane	ppb	NC	NC	0.14 J		0.15 J		0.072 J	-		0.037 J
Isopropyl alcohol	ppb	NC	NC	0.34 J		4.4 J		0.33 J	-		0.24 J
Isopropyl benzene	ppb	NC	NC	0.060 U		0.11 U		0.060 U	-		0.060 U
m&p-Xylenes	ppb	2000	20000	2.5		0.41 J		0.12 U	-		0.18 J
Methyl methacrylate	ppb	NC	NC	0.079 U		0.046 U		0.079 U	-		0.079 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.17 U		0.056 U		0.17 U	-		0.17 U
Methylene chloride	ppb	NC	NC	0.045 U		0.24 U		0.32 J	-		0.045 U
Naphthalene	ppb	29	NC	0.090 UJ		0.87 J		0.090 UJ	-		0.090 UJ
N-Butylbenzene	ppb	NC	NC	0.046 U		0.19 U		0.046 U	-		0.092 J
N-Decane	ppb	NC	NC	0.14 J		-		-	-		1.2 J
N-Dodecane	ppb	NC	NC	0.14 J		-		-	-		0.22 J
N-Heptane	ppb	NC	NC	0.18 J		0.24 J		0.047 U	-		0.047 U
Nonane	ppb	NC	NC	0.055 J		-		-	-		0.14 J
N-Propylbenzene	ppb	NC	NC	0.056 U		0.18 U		0.056 U	-		0.11 J
N-Undecane	ppb	NC	NC	0.19 J		-		-	-		0.24 J
Octane	ppb	NC	NC	0.054 J		-		-	-		0.036 U
o-Xylene	ppb	2000	20000	1.4		0.16 J		0.061 U	-		0.12 J
Pentane	ppb	NC	NC	0.42 J		-		-	-		0.060 U
Styrene	ppb	NC	NC	0.78		0.11 U		0.058 U	-		0.058 U
tert-Butyl alcohol	ppb	NC	NC	0.038 UJ		0.25 U		0.12 J	-		0.065 J
tert-Butylbenzene	ppb	NC	NC	0.066 U		0.16 U		0.066 U	-		0.066 U
Tetrachloroethene	ppb	250	2500	39		90		73	-		130
Tetrahydrofuran	ppb	NC	NC	0.063 U		0.28 J		0.063 U	-		0.063 U
Toluene	ppb	NC	NC	1.9		0.55 J		0.14 J	-		0.15 J
trans-1,2-Dichloroethene	ppb	NC	NC	0.37		0.11 U		0.050 U	-		0.050 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.048 U		0.070 U		0.048 U	-		0.048 U
Trichloroethene	ppb	20	200	10		37*		30*	-		48*
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	4.3		0.39 J		0.35	-		0.62
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.15 J		0.11 J		0.090 J	-		0.16 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.035 U		0.067 U		0.035 U	-		0.035 U
Vinyl chloride	ppb	20	200	0.071 U		0.10 U		0.071 U	-		0.071 U
Xylenes (total)	ppb	NC	NC	-		0.57 J		-	-		-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>	<i>Building 24, Probe A</i>	<i>Building 24, Probe B</i>	<i>Building 24, Probe B</i>	<i>Building 24, Probe B</i>	<i>Building 24, Probe B</i>
<i>Sample Location:</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>
<i>Sample Date:</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>		
	<i>a</i>	<i>b</i>			
<i>Tentatively Identified Compounds (TIC) Volatiles</i>					
(1R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	-	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	4.3 NJ	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	-	-
1,1-Difluoroethane A	ppb	NC	NC	-	-
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-3-methylbenzene A	ppb	NC	NC	-	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	-
1R- α -Pinene A	ppb	NC	NC	-	-
2-Methylbutane A	ppb	NC	NC	6.1 NJ	-
2-Methylpentane A	ppb	NC	NC	-	-
3-Methylhexane A	ppb	NC	NC	-	-
3-Methylpentane A	ppb	NC	NC	-	-
4-Methyloctane A	ppb	NC	NC	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	3.9 NJ	-
Acetaldehyde A	ppb	110	NC	7.0 NJ	3.3 NJ
Cyclohexane, methyl A	ppb	NC	NC	-	-
Cyclopentane, methyl- A	ppb	NC	NC	-	-
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	-	59 JN
Cymene A	ppb	NC	NC	-	-
Ethylcyclohexane A	ppb	NC	NC	-	-
Heptane, 2-methyl- A	ppb	NC	NC	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	-
Isobutane A	ppb	NC	NC	2.6 NJ	-
Isobutylene A	ppb	NC	NC	-	-
Isopropyl cyclobutane A	ppb	NC	NC	-	-
N-Chlorosuccinimide A	ppb	NC	NC	-	-
Pentane A	ppb	NC	NC	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>			<i>Building 24, Probe A</i>			<i>Building 24, Probe B</i>			<i>Building 24, Probe B</i>			<i>Building 24, Probe B</i>	
<i>Sample Location:</i>			<i>2215 & 2219 East River Road</i>			<i>2215 & 2219 East River Road</i>			<i>2215 & 2219 East River Road</i>			<i>2215 & 2219 East River Road</i>	
<i>Sample Date:</i>			<i>8/11/2012</i>			<i>1/7/2012</i>			<i>3/10/2012</i>			<i>3/10/2012</i>	
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>										
		<i>a</i>	<i>b</i>										
Pinene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Propane A	ppb	NC	NC	U	-	-	-	-	-	-	-	-	U
Silanol, trimethyl- A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown 1	ppb	NC	NC	-	6.6 J	-	-	-	-	-	-	-	-
Unknown 2	ppb	NC	NC	-	99 J	-	-	-	-	-	-	-	-
Unknown 3	ppb	NC	NC	-	56 J	-	-	-	-	-	-	-	-
Unknown 4	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown A	ppb	NC	NC	5.8 NJ	-	-	-	-	-	-	-	-	15 NJ
Unknown B	ppb	NC	NC	13 NJ	-	-	-	-	-	-	-	-	-
Unknown C	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown D	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown E	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown F	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown G	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown H	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown I	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown J	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown K	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown L	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown M	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
Unknown N	ppb	NC	NC	-	-	-	-	-	-	-	-	-	-
<i>Gases</i>													
Methane	%	0.5	0.5	0.21 U	-	-	-	-	0.18 U	-	-	-	0.20 U
<i>Field Parameter</i>													
Methane, field (unfiltered)	%	0.5	0.5	-	0.0 /0.0	-	-	-	-	-	-	-	-
Methane, field (filtered)	%	0.5	0.5	0 /0	-	-	0.0 /0	-	0 /0.0 /0.0 /0	-	-	-	0 /0

Notes:

J - The chemical was detected by the laboratory, the listed value is an approximate concentration
 JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
 U - The chemical was not detected in the sample at the detection limit shown.
 UJ - The chemical was not detected in the sample at the approximate detection limit shown.
 NC - No criterion
 - - Not applicable.
 - Concentration was greater than applicable criteria.

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Sample Location:	Building 24, Probe C	Building 24, Probe C	Building 24, Probe C	Building 24, Probe C	Building 24, Probe C
Sample Location:	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road
Sample Date:	1/7/2012	1/7/2012	3/10/2012	3/10/2012	8/11/2012
		Duplicate			
Parameter	Units	ODH Sub-Slab Screening Levels (Non-residential)	ODH Sub-Slab Action Levels (Non-residential)		
		a	b		
<i>Volatile Organic Compounds</i>					
1,1,1-Trichloroethane	ppb	NC	NC	1.4	1.4
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.040 U	0.040 U
1,1,2-Trichloroethane	ppb	NC	NC	0.019 U	0.019 U
1,1-Dichloroethane	ppb	160	1600	0.035 U	0.026 U
1,1-Dichloroethene	ppb	NC	NC	0.030 U	0.032 U
1,2,4-Trichlorobenzene	ppb	NC	NC	0.050 U	0.098 UJ
1,2,4-Trimethylbenzene	ppb	NC	NC	0.052 U	0.063 U
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.018 U	0.044 U
1,2-Dichlorobenzene	ppb	NC	NC	0.048 U	0.070 U
1,2-Dichloroethane	ppb	NC	NC	0.031 U	0.047 U
1,2-Dichloroethene (total)	ppb	NC	NC	0.014 U	0.014 U
1,2-Dichloropropane	ppb	NC	NC	0.014 U	0.052 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U	0.032 U
1,3,5-Trimethylbenzene	ppb	NC	NC	0.051 U	0.065 U
1,3-Butadiene	ppb	NC	NC	0.010 U	0.064 U
1,3-Dichlorobenzene	ppb	NC	NC	0.044 U	0.065 U
1,4-Dichlorobenzene	ppb	NC	NC	0.044 U	0.049 J
1,4-Dioxane	ppb	NC	NC	0.088 U	0.088 UJ
2,2,4-Trimethylpentane	ppb	NC	NC	0.036 U	0.039 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.72	0.63
2-Chlorotoluene	ppb	NC	NC	0.047 U	0.047 U
2-Hexanone	ppb	NC	NC	0.039 U	0.039 U
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.047 U	0.047 U
4-Ethyl toluene	ppb	NC	NC	0.046 U	0.046 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.026 U	0.26 J
Acetone	ppb	NC	NC	3.5 J	3.3 J
Allyl chloride	ppb	NC	NC	0.019 U	0.019 U
Benzene	ppb	20	200	0.022 J	0.049 J
Benzyl chloride	ppb	NC	NC	0.046 UJ	0.046 UJ
Bromodichloromethane	ppb	NC	NC	0.028 U	0.028 U
Bromoform	ppb	NC	NC	0.019 U	0.019 U
Bromomethane (Methyl bromide)	ppb	NC	NC	0.012 U	0.012 U
Butane	ppb	NC	NC	0.25 J	0.43 J
Carbon disulfide	ppb	NC	NC	0.93	0.23 J
Carbon tetrachloride	ppb	NC	NC	0.071 J	0.072 J
Chlorobenzene	ppb	NC	NC	0.020 U	0.020 U
Chlorodifluoromethane	ppb	NC	NC	0.034 U	0.034 U
Chloroethane	ppb	NC	NC	0.016 U	0.016 U
Chloroform (Trichloromethane)	ppb	800	8000	0.031 U	0.031 U

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Parameter	Units	ODH Sub-Slab		Building 24, Probe C		Building 24, Probe C		Building 24, Probe C		Building 24, Probe C					
		Screening Levels (Non-residential)		Action Levels (Non-residential)		2215 & 2219 East River Road 1/7/2012		2215 & 2219 East River Road 1/7/2012 Duplicate		2215 & 2219 East River Road 3/10/2012		2215 & 2219 East River Road 3/10/2012		2215 & 2219 East River Road 8/11/2012	
		a	b												
Chloromethane (Methyl chloride)	ppb	NC	NC	0.25 J	0.078 J	0.16 U	-	-	-	-	0.19 J				
cis-1,2-Dichloroethene	ppb	370	3700	0.014 U	0.014 U	0.060 U	-	-	-	-	0.060 U				
cis-1,3-Dichloropropene	ppb	NC	NC	0.016 U	0.016 U	0.074 U	-	-	-	-	0.074 U				
Cyclohexane	ppb	NC	NC	0.083 J	0.097 J	0.040 U	-	-	-	-	0.056 J				
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.048 U	0.048 U	0.057 U	-	-	-	-	0.057 U				
Dibromochloromethane	ppb	NC	NC	0.021 U	0.021 U	0.042 U	-	-	-	-	0.042 U				
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.67	0.76	0.18 J	-	-	-	-	3.2				
Ethylbenzene	ppb	2500	25000	0.022 U	0.16 J	0.068 U	-	-	-	-	0.068 U				
Hexachlorobutadiene	ppb	NC	NC	0.065 U	0.065 U	0.078 UJ	-	-	-	-	0.078 UJ				
Hexane	ppb	NC	NC	0.080 J	0.18 J	0.045 J	-	-	-	-	0.13 J				
Isopropyl alcohol	ppb	NC	NC	1.8 J	2.0 J	0.72 J	-	-	-	-	0.24 J				
Isopropyl benzene	ppb	NC	NC	0.031 U	0.031 U	0.060 U	-	-	-	-	0.060 U				
m&p-Xylenes	ppb	2000	20000	0.062 J	0.39 J	0.12 U	-	-	-	-	0.22				
Methyl methacrylate	ppb	NC	NC	0.013 U	0.013 U	0.079 U	-	-	-	-	0.079 U				
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.016 U	0.016 U	0.17 U	-	-	-	-	0.17 U				
Methylene chloride	ppb	NC	NC	0.066 U	0.12 U	0.21 J	-	-	-	-	0.87				
Naphthalene	ppb	29	NC	0.086 UJ	0.086 UJ	0.090 UJ	-	-	-	-	0.090 UJ				
N-Butylbenzene	ppb	NC	NC	0.055 U	0.055 U	0.046 U	-	-	-	-	0.24 J				
N-Decane	ppb	NC	NC	-	-	-	-	-	-	-	1.2 J				
N-Dodecane	ppb	NC	NC	-	-	-	-	-	-	-	0.13 J				
N-Heptane	ppb	NC	NC	0.058 J	0.11 J	0.047 U	-	-	-	-	0.047 U				
Nonane	ppb	NC	NC	-	-	-	-	-	-	-	0.15 J				
N-Propylbenzene	ppb	NC	NC	0.050 U	0.050 U	0.056 U	-	-	-	-	0.056 U				
N-Undecane	ppb	NC	NC	-	-	-	-	-	-	-	1.7				
Octane	ppb	NC	NC	-	-	-	-	-	-	-	0.077 J				
o-Xylene	ppb	2000	20000	0.022 U	0.11 J	0.061 U	-	-	-	-	0.11 J				
Pentane	ppb	NC	NC	-	-	-	-	-	-	-	0.14 J				
Styrene	ppb	NC	NC	0.030 U	0.030 U	0.058 U	-	-	-	-	0.058 U				
tert-Butyl alcohol	ppb	NC	NC	0.071 U	0.071 U	0.12 J	-	-	-	-	0.038 U				
tert-Butylbenzene	ppb	NC	NC	0.047 U	0.047 U	0.066 U	-	-	-	-	0.066 U				
Tetrachloroethene	ppb	250	2500	15	15	12	-	-	-	-	12				
Tetrahydrofuran	ppb	NC	NC	0.54 J	0.076 J	0.063 U	-	-	-	-	0.063 U				
Toluene	ppb	NC	NC	0.12 J	1.9	0.10 J	-	-	-	-	0.31				
trans-1,2-Dichloroethene	ppb	NC	NC	0.032 U	0.032 U	0.050 U	-	-	-	-	0.050 U				
trans-1,3-Dichloropropene	ppb	NC	NC	0.020 U	0.020 U	0.048 U	-	-	-	-	0.048 U				
Trichloroethene	ppb	20	200	0.99	1.1	0.87	-	-	-	-	0.63				
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	1.9	2.0	1.0	-	-	-	-	0.86				
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.093 J	0.098 J	0.065 J	-	-	-	-	0.082 J				
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.019 U	0.019 U	0.035 U	-	-	-	-	0.035 U				
Vinyl chloride	ppb	20	200	0.029 U	0.029 U	0.071 U	-	-	-	-	0.071 U				
Xylenes (total)	ppb	NC	NC	0.062 J	0.50	-	-	-	-	-	-				

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>			<i>Building 24, Probe C</i>	<i>Building 24, Probe C</i>	<i>Building 24, Probe C</i>	<i>Building 24, Probe C</i>	<i>Building 24, Probe C</i>
<i>Sample Location:</i>			<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>
<i>Sample Date:</i>			<i>1/7/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>				
		<i>a</i>	<i>b</i>				
<i>Tentatively Identified Compounds (TIC) Volatiles</i>							
(1R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	-	-	-	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	-	-	-	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	-	-	-	-
1,1-Difluoroethane A	ppb	NC	NC	-	-	-	-
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	-	-	4.4 NJ
1-Ethyl-3-methylbenzene A	ppb	NC	NC	-	-	-	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	-	-	-
1R- α -Pinene A	ppb	NC	NC	-	-	-	-
2-Methylbutane A	ppb	NC	NC	-	-	-	-
2-Methylpentane A	ppb	NC	NC	-	-	-	-
3-Methylhexane A	ppb	NC	NC	-	-	-	-
3-Methylpentane A	ppb	NC	NC	-	-	-	-
4-Methyloctane A	ppb	NC	NC	-	-	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-	-	-
Acetaldehyde A	ppb	110	NC	-	-	-	2.7 NJ
Cyclohexane, methyl A	ppb	NC	NC	-	-	-	-
Cyclopentane, methyl- A	ppb	NC	NC	-	-	-	-
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	26 JN	36 JN	-	-
Cymene A	ppb	NC	NC	-	-	-	-
Ethylcyclohexane A	ppb	NC	NC	-	-	-	-
Heptane, 2-methyl- A	ppb	NC	NC	-	-	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	-	-	-
Isobutane A	ppb	NC	NC	-	-	-	-
Isobutylene A	ppb	NC	NC	-	-	-	-
Isopropyl cyclobutane A	ppb	NC	NC	-	-	-	-
N-Chlorosuccinimide A	ppb	NC	NC	20 JN	-	-	-
Pentane A	ppb	NC	NC	-	3.6 JN	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

Parameter	Units	ODH Sub-Slab		Building 24, Probe C					
		Screening Levels	Action Levels	2215 & 2219 East River Road					
		(Non-residential)	(Non-residential)	1/7/2012	1/7/2012	3/10/2012	3/10/2012	8/11/2012	
		a	b		Duplicate				
Pinene A	ppb	NC	NC	-	-	-	-	-	
Propane A	ppb	NC	NC	-	-	-	-	U	
Silanol, trimethyl- A	ppb	NC	NC	4.1 JN	-	-	-	-	
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-	
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-	-	-	-	-	
Unknown 1	ppb	NC	NC	26 J	4.0 J	-	-	-	
Unknown 2	ppb	NC	NC	-	21 J	-	-	-	
Unknown 3	ppb	NC	NC	-	30 J	-	-	-	
Unknown 4	ppb	NC	NC	-	-	-	-	-	
Unknown A	ppb	NC	NC	-	-	-	-	4.2 NJ	
Unknown B	ppb	NC	NC	-	-	-	-	-	
Unknown C	ppb	NC	NC	-	-	-	-	-	
Unknown D	ppb	NC	NC	-	-	-	-	-	
Unknown E	ppb	NC	NC	-	-	-	-	-	
Unknown F	ppb	NC	NC	-	-	-	-	-	
Unknown G	ppb	NC	NC	-	-	-	-	-	
Unknown H	ppb	NC	NC	-	-	-	-	-	
Unknown I	ppb	NC	NC	-	-	-	-	-	
Unknown J	ppb	NC	NC	-	-	-	-	-	
Unknown K	ppb	NC	NC	-	-	-	-	-	
Unknown L	ppb	NC	NC	-	-	-	-	-	
Unknown M	ppb	NC	NC	-	-	-	-	-	
Unknown N	ppb	NC	NC	-	-	-	-	-	
Gases									
Methane	%	0.5	0.5	-	0.080 U	-	0.19 U	0.19 U	
Field Parameter									
Methane, field (unfiltered)	%	0.5	0.5	0.0 /0.0	0.0 /0.0	-	-	-	
Methane, field (filtered)	%	0.5	0.5	-	-	0 /0.0	0 /0.0	0 /0	

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- Not applicable.
- Concentration was greater than applicable criteria.

TABLE 1

SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

Sample Location:			Building 24, Probe D	Building 24, Probe D	Building 24, Probe D	Building 24, Probe E	Building 24, Probe E	
Sample Location:			2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	
Sample Date:			1/7/2012	3/10/2012	8/11/2012	1/7/2012	3/10/2012	
Parameter	Units	ODH Sub-Slab Screening Levels (Non-residential)	ODH Sub-Slab Action Levels (Non-residential)					
		a	b					
Volatile Organic Compounds								
1,1,1-Trichloroethane	ppb	NC	NC	1.4 J	1.5	2.2	0.77	0.74
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.40 U	0.061 U	0.061 U	0.080 U	0.061 U
1,1,2-Trichloroethane	ppb	NC	NC	0.19 U	0.054 U	0.054 U	0.038 U	0.054 U
1,1-Dichloroethane	ppb	160	1600	0.35 U	0.026 U	0.026 U	0.070 U	0.026 U
1,1-Dichloroethene	ppb	NC	NC	0.30 U	0.032 U	0.032 U	0.060 U	0.032 U
1,2,4-Trichlorobenzene	ppb	NC	NC	0.50 U	0.098 UJ	0.098 UJ	0.10 U	0.098 UJ
1,2,4-Trimethylbenzene	ppb	NC	NC	0.52 U	0.063 U	0.063 U	0.10 U	0.063 U
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.18 U	0.044 U	0.044 U	0.036 U	0.044 U
1,2-Dichlorobenzene	ppb	NC	NC	0.48 U	0.070 U	0.070 U	0.096 U	0.070 U
1,2-Dichloroethane	ppb	NC	NC	0.31 U	0.047 U	0.047 U	0.062 U	0.047 U
1,2-Dichloroethene (total)	ppb	NC	NC	0.14 U	-	-	0.028 U	-
1,2-Dichloropropane	ppb	NC	NC	0.14 U	0.052 U	0.052 U	0.028 U	0.052 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.32 U	0.032 U	0.032 U	0.064 U	0.032 U
1,3,5-Trimethylbenzene	ppb	NC	NC	0.51 U	0.065 U	0.065 U	0.10 U	0.065 U
1,3-Butadiene	ppb	NC	NC	0.10 U	0.064 U	0.064 U	0.020 U	0.064 U
1,3-Dichlorobenzene	ppb	NC	NC	0.44 U	0.065 U	0.065 U	0.088 U	0.065 U
1,4-Dichlorobenzene	ppb	NC	NC	0.44 U	0.064 U	0.064 U	0.088 U	0.064 U
1,4-Dioxane	ppb	NC	NC	0.88 U	0.080 UJ	0.080 U	0.18 U	0.080 UJ
2,2,4-Trimethylpentane	ppb	NC	NC	0.36 U	0.039 U	0.039 U	0.072 U	0.039 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.17 U	0.20 U	0.40 J	0.86 J	0.26 J
2-Chlorotoluene	ppb	NC	NC	0.47 U	0.063 U	0.063 U	0.094 U	0.063 U
2-Hexanone	ppb	NC	NC	0.39 U	0.058 UJ	0.058 U	0.078 U	0.058 UJ
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.47 U	0.064 U	0.064 U	0.094 U	0.064 U
4-Ethyl toluene	ppb	NC	NC	0.46 U	0.066 U	0.066 U	0.092 U	0.066 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.26 U	0.045 UJ	0.045 U	0.052 U	0.045 UJ
Acetone	ppb	NC	NC	4.7 J	1.9 J	3.3 J	3.4 J	2.4 J
Allyl chloride	ppb	NC	NC	0.19 U	0.048 U	0.048 U	0.038 U	0.048 U
Benzene	ppb	20	200	0.18 U	0.056 U	0.056 U	0.036 U	0.056 U
Benzyl chloride	ppb	NC	NC	0.46 UJ	0.078 U	0.078 U	0.092 UJ	0.078 U
Bromodichloromethane	ppb	NC	NC	0.28 U	0.044 U	0.044 U	0.056 U	0.044 U
Bromoform	ppb	NC	NC	0.19 U	0.048 U	0.048 U	0.038 U	0.048 U
Bromomethane (Methyl bromide)	ppb	NC	NC	0.12 U	0.032 U	0.032 U	0.024 U	0.032 U
Butane	ppb	NC	NC	0.11 U	0.93	0.31 J	0.41 J	0.64
Carbon disulfide	ppb	NC	NC	0.66 U	0.031 U	0.031 U	2.9	0.031 U
Carbon tetrachloride	ppb	NC	NC	0.33 U	0.038 U	0.038 U	0.066 U	0.038 U
Chlorobenzene	ppb	NC	NC	0.70 J	0.049 U	0.049 U	0.040 U	0.049 U
Chlorodifluoromethane	ppb	NC	NC	0.34 U	0.22	2.9	0.068 U	0.31
Chloroethane	ppb	NC	NC	0.16 U	0.035 U	0.035 U	0.032 U	0.035 U
Chloroform (Trichloromethane)	ppb	800	8000	0.31 U	0.038 U	0.038 U	0.062 U	0.038 U

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

<i>Sample Location:</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe E</i>	<i>Building 24, Probe E</i>			
<i>Sample Location:</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>			
<i>Sample Date:</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>			
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>					
		<i>a</i>	<i>b</i>					
Chloromethane (Methyl chloride)	ppb	NC	NC	0.13 U	0.16 U	0.16 U	0.20 J	0.16 U
cis-1,2-Dichloroethene	ppb	370	3700	0.14 U	0.060 U	0.060 U	0.028 U	0.060 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.16 U	0.074 U	0.074 U	0.032 U	0.074 U
Cyclohexane	ppb	NC	NC	0.39 U	0.040 U	0.051 J	0.078 U	0.040 U
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.48 U	0.057 U	0.057 U	0.096 U	0.057 U
Dibromochloromethane	ppb	NC	NC	0.21 U	0.042 U	0.042 U	0.042 U	0.042 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.60 J	0.29	1.3	0.71 J	0.17 J
Ethylbenzene	ppb	2500	25000	0.45 J	0.068 U	0.068 U	0.044 U	0.068 U
Hexachlorobutadiene	ppb	NC	NC	0.65 U	0.078 UJ	0.078 U	0.13 U	0.078 UJ
Hexane	ppb	NC	NC	0.26 U	0.032 U	0.13 J	0.059 J	0.058 J
Isopropyl alcohol	ppb	NC	NC	0.37 U	0.72 J	0.044 U	1.6 J	0.49 J
Isopropyl benzene	ppb	NC	NC	0.31 U	0.060 U	0.060 U	0.062 U	0.060 U
m&p-Xylenes	ppb	2000	20000	1.6 J	0.34	0.17 J	0.096 U	0.12 U
Methyl methacrylate	ppb	NC	NC	0.13 U	0.079 U	0.079 U	0.026 U	0.079 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.16 U	0.17 U	0.17 U	0.032 U	0.17 U
Methylene chloride	ppb	NC	NC	0.13 U	0.16 J	0.56	0.026 U	0.27 J
Naphthalene	ppb	29	NC	0.86 U	0.090 UJ	0.090 UJ	0.17 U	0.090 UJ
N-Butylbenzene	ppb	NC	NC	0.55 U	0.046 U	0.046 U	0.11 U	0.046 U
N-Decane	ppb	NC	NC	-	-	0.066 J	-	-
N-Dodecane	ppb	NC	NC	-	-	0.15 J	-	-
N-Heptane	ppb	NC	NC	0.10 U	0.047 U	0.076 J	0.043 J	0.047 U
Nonane	ppb	NC	NC	-	-	0.043 U	-	-
N-Propylbenzene	ppb	NC	NC	0.50 U	0.056 U	0.056 U	0.10 U	0.056 U
N-Undecane	ppb	NC	NC	-	-	0.062 U	-	-
Octane	ppb	NC	NC	-	-	0.051 J	-	-
o-Xylene	ppb	2000	20000	0.53 J	0.11 J	0.077 J	0.044 U	0.061 U
Pentane	ppb	NC	NC	-	-	0.21 J	-	-
Styrene	ppb	NC	NC	0.30 U	0.058 U	0.058 U	0.060 U	0.058 U
tert-Butyl alcohol	ppb	NC	NC	0.71 U	0.078 J	0.038 U	0.14 U	0.19 J
tert-Butylbenzene	ppb	NC	NC	0.47 U	0.066 U	0.066 U	0.094 U	0.066 U
Tetrachloroethene	ppb	250	2500	4.1	4.7	8.5	5.4	7.3
Tetrahydrofuran	ppb	NC	NC	0.18 U	0.063 U	0.063 U	1.5 J	0.063 U
Toluene	ppb	NC	NC	0.18 U	0.20	0.26	0.16 J	0.18 J
trans-1,2-Dichloroethene	ppb	NC	NC	0.32 U	0.050 U	0.050 U	0.064 U	0.050 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.20 U	0.048 U	0.048 U	0.040 U	0.048 U
Trichloroethene	ppb	20	200	0.30 U	0.036 U	0.036 U	0.060 U	0.036 U
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	3.2	1.8	1.5	4.1	2.2
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.10 U	0.053 J	0.088 J	0.020 U	0.049 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.19 U	0.035 U	0.035 U	0.038 U	0.035 U
Vinyl chloride	ppb	20	200	0.29 U	0.071 U	0.071 U	0.058 U	0.071 U
Xylenes (total)	ppb	NC	NC	2.2	-	-	0.044 U	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

<i>Sample Location:</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe E</i>	<i>Building 24, Probe E</i>
<i>Sample Location:</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>
<i>Sample Date:</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>		
	<i>a</i>	<i>b</i>			
<i>Tentatively Identified Compounds (TIC) Volatiles</i>					
(1R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	-	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	-	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	-	-
1,1-Difluoroethane A	ppb	NC	NC	-	-
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	-
1-Ethyl-3-methylbenzene A	ppb	NC	NC	-	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	-
1R- α -Pinene A	ppb	NC	NC	-	-
2-Methylbutane A	ppb	NC	NC	-	-
2-Methylpentane A	ppb	NC	NC	-	-
3-Methylhexane A	ppb	NC	NC	-	-
3-Methylpentane A	ppb	NC	NC	-	-
4-Methyloctane A	ppb	NC	NC	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-
Acetaldehyde A	ppb	110	NC	-	2.4 NJ
Cyclohexane, methyl A	ppb	NC	NC	-	-
Cyclopentane, methyl- A	ppb	NC	NC	-	-
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	-	51 JN
Cymene A	ppb	NC	NC	-	-
Ethylcyclohexane A	ppb	NC	NC	-	-
Heptane, 2-methyl- A	ppb	NC	NC	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	-
Isobutane A	ppb	NC	NC	-	-
Isobutylene A	ppb	NC	NC	-	-
Isopropyl cyclobutane A	ppb	NC	NC	-	-
N-Chlorosuccinimide A	ppb	NC	NC	-	-
Pentane A	ppb	NC	NC	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe D</i>	<i>Building 24, Probe E</i>	<i>Building 24, Probe E</i>
<i>Sample Location:</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>
<i>Sample Date:</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>		
		<i>a</i>	<i>b</i>		
Pinene A	ppb	NC	NC	-	-
Propane A	ppb	NC	NC	-	-
Silanol, trimethyl- A	ppb	NC	NC	-	7.1 JN
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-	-
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-	-
Unknown 1	ppb	NC	NC	64 J	84 J
Unknown 2	ppb	NC	NC	290 J	51 J
Unknown 3	ppb	NC	NC	140 J	-
Unknown 4	ppb	NC	NC	-	-
Unknown A	ppb	NC	NC	-	11 NJ
Unknown B	ppb	NC	NC	-	-
Unknown C	ppb	NC	NC	-	-
Unknown D	ppb	NC	NC	-	-
Unknown E	ppb	NC	NC	-	-
Unknown F	ppb	NC	NC	-	-
Unknown G	ppb	NC	NC	-	-
Unknown H	ppb	NC	NC	-	-
Unknown I	ppb	NC	NC	-	-
Unknown J	ppb	NC	NC	-	-
Unknown K	ppb	NC	NC	-	-
Unknown L	ppb	NC	NC	-	-
Unknown M	ppb	NC	NC	-	-
Unknown N	ppb	NC	NC	-	-
<i>Gases</i>					
Methane	%	0.5	0.5	-	0.24 U
<i>Field Parameter</i>					
Methane, field (unfiltered)	%	0.5	0.5	0.0 /0.0	-
Methane, field (filtered)	%	0.5	0.5	-	0 /0.0

Notes:

J - The chemical was detected by the laboratory, the listed value is an approximate concentration
 JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
 U - The chemical was not detected in the sample at the detection limit shown.
 UJ - The chemical was not detected in the sample at the approximate detection limit shown.
 NC - No criterion
 - - Not applicable.
 - Concentration was greater than applicable criteria.

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

<i>Sample Location:</i>			<i>Building 24, Probe E</i>			<i>Building 24, Probe F</i>			<i>Building 24, Probe F</i>			<i>Building 24, Probe F</i>				
<i>Sample Location:</i>			<i>2215 & 2219 East River Road</i>				<i>2215 & 2219 East River Road</i>				<i>2215 & 2219 East River Road</i>					
<i>Sample Date:</i>			<i>8/11/2012</i>				<i>1/7/2012</i>				<i>3/10/2012</i>				<i>8/11/2012</i>	
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>													
		<i>a</i>	<i>b</i>													
<i>Volatile Organic Compounds</i>																
1,1,1-Trichloroethane	ppb	NC	NC	1.6		1.9		1.6		2.5						
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.061 U		0.040 U		0.061 U		0.061 U		0.061 U				
1,1,2-Trichloroethane	ppb	NC	NC	0.054 U		0.019 U		0.054 U		0.054 U		0.054 U				
1,1-Dichloroethane	ppb	160	1600	0.026 U		0.035 U		0.026 U		0.026 U		0.026 U				
1,1-Dichloroethene	ppb	NC	NC	0.032 U		0.030 U		0.032 U		0.032 U		0.032 U				
1,2,4-Trichlorobenzene	ppb	NC	NC	0.098 UJ		0.050 U		0.098 UJ		0.098 UJ		0.098 UJ				
1,2,4-Trimethylbenzene	ppb	NC	NC	0.084 J		0.052 U		0.39		0.14 J						
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.044 U		0.018 U		0.044 U		0.044 U		0.044 U				
1,2-Dichlorobenzene	ppb	NC	NC	0.070 U		0.048 U		0.070 U		0.070 U		0.070 U				
1,2-Dichloroethane	ppb	NC	NC	0.047 U		0.031 U		0.047 U		0.047 U		0.047 U				
1,2-Dichloroethene (total)	ppb	NC	NC	-		0.014 U		-		-		-				
1,2-Dichloropropane	ppb	NC	NC	0.052 U		0.014 U		0.052 U		0.052 U		0.052 U				
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U		0.032 U		0.032 U		0.032 U		0.032 U				
1,3,5-Trimethylbenzene	ppb	NC	NC	0.065 U		0.051 U		0.065 U		0.065 U		0.065 U				
1,3-Butadiene	ppb	NC	NC	0.064 U		0.010 U		0.064 U		0.064 U		0.064 U				
1,3-Dichlorobenzene	ppb	NC	NC	0.065 U		0.044 U		0.065 U		0.065 U		0.065 U				
1,4-Dichlorobenzene	ppb	NC	NC	0.069 J		0.044 U		0.064 U		0.064 U		0.064 U				
1,4-Dioxane	ppb	NC	NC	0.080 U		0.088 U		0.080 UJ		0.080 U		0.080 U				
2,2,4-Trimethylpentane	ppb	NC	NC	0.80		0.036 U		0.039 U		0.039 U		0.039 U				
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.78 J		0.34 J		0.20 U		0.87 J						
2-Chlorotoluene	ppb	NC	NC	0.063 U		0.047 U		0.063 U		0.063 U		0.063 U				
2-Hexanone	ppb	NC	NC	0.072 J		0.039 U		0.058 UJ		0.082 J						
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.064 U		0.047 U		0.094 J		0.064 U						
4-Ethyl toluene	ppb	NC	NC	0.092 J		0.046 U		0.066 U		0.066 U						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.088 J		0.026 U		0.045 UJ		0.11 J						
Acetone	ppb	NC	NC	7.3		3.7 J		1.5 J		7.4						
Allyl chloride	ppb	NC	NC	0.048 U		0.019 U		0.048 U		0.048 U		0.048 U				
Benzene	ppb	20	200	0.16 J		0.019 J		0.056 U		0.060 J						
Benzyl chloride	ppb	NC	NC	0.078 U		0.046 UJ		0.078 U		0.078 U		0.078 U				
Bromodichloromethane	ppb	NC	NC	0.044 U		0.028 U		0.044 U		0.044 U		0.044 U				
Bromoform	ppb	NC	NC	0.048 U		0.019 U		0.048 U		0.048 U		0.048 U				
Bromomethane (Methyl bromide)	ppb	NC	NC	0.032 U		0.012 U		0.032 U		0.032 U		0.032 U				
Butane	ppb	NC	NC	0.22 J		0.11 J		2.4		0.21 J						
Carbon disulfide	ppb	NC	NC	0.035 J		0.58		0.051 J		0.061 J						
Carbon tetrachloride	ppb	NC	NC	0.038 U		0.033 U		0.038 U		0.038 U		0.038 U				
Chlorobenzene	ppb	NC	NC	1.5		0.020 U		0.066 J		0.049 U						
Chlorodifluoromethane	ppb	NC	NC	0.43		0.034 U		1.7		1.3						
Chloroethane	ppb	NC	NC	0.039 J		0.016 U		0.035 U		0.051 J						
Chloroform (Trichloromethane)	ppb	800	8000	0.038 U		0.031 U		0.038 U		0.038 U		0.038 U				

TABLE 1

**SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

<i>Sample Location:</i>			<i>Building 24, Probe E</i>	<i>Building 24, Probe F</i>	<i>Building 24, Probe F</i>	<i>Building 24, Probe F</i>	
<i>Sample Location:</i>			<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	
<i>Sample Date:</i>			<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>				
		<i>a</i>	<i>b</i>				
Chloromethane (Methyl chloride)	ppb	NC	NC	0.44 J	0.013 U	0.22 J	0.31 J
cis-1,2-Dichloroethene	ppb	370	3700	0.086 J	0.014 U	0.065 J	0.060 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.074 U	0.016 U	0.074 U	0.074 U
Cyclohexane	ppb	NC	NC	0.073 J	0.039 U	0.040 U	0.040 U
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.057 U	0.048 U	0.060 J	0.094 J
Dibromochloromethane	ppb	NC	NC	0.042 U	0.021 U	0.042 U	0.042 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.51	1.1	0.14 J	0.54
Ethylbenzene	ppb	2500	25000	1.4	0.034 J	0.073 J	0.068 U
Hexachlorobutadiene	ppb	NC	NC	0.078 U	0.065 U	0.078 UJ	0.078 UJ
Hexane	ppb	NC	NC	0.20 J	0.030 J	0.26 J	0.11 J
Isopropyl alcohol	ppb	NC	NC	0.15 J	1.3 J	0.40 J	0.11 J
Isopropyl benzene	ppb	NC	NC	0.067 J	0.031 U	0.060 U	0.060 U
m&p-Xylenes	ppb	2000	20000	4.1	0.069 J	0.24	0.12 U
Methyl methacrylate	ppb	NC	NC	0.079 U	0.013 U	0.079 U	0.079 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.17 U	0.016 U	0.17 U	0.17 U
Methylene chloride	ppb	NC	NC	0.59	0.013 U	0.94	0.94
Naphthalene	ppb	29	NC	0.090 UJ	0.086 U	0.090 UJ	0.090 UJ
N-Butylbenzene	ppb	NC	NC	0.046 U	0.055 U	0.10 J	0.046 U
N-Decane	ppb	NC	NC	0.056 UJ	-	-	0.085 J
N-Dodecane	ppb	NC	NC	0.078 U	-	-	0.078 U
N-Heptane	ppb	NC	NC	1.3	0.010 U	0.047 U	0.047 J
Nonane	ppb	NC	NC	0.41 J	-	-	0.043 U
N-Propylbenzene	ppb	NC	NC	0.082 J	0.050 U	0.056 U	0.056 U
N-Undecane	ppb	NC	NC	0.062 U	-	-	0.33 J
Octane	ppb	NC	NC	3.0	-	-	0.036 U
o-Xylene	ppb	2000	20000	1.1	0.022 U	0.18 J	0.061 U
Pentane	ppb	NC	NC	0.18 J	-	-	0.18 J
Styrene	ppb	NC	NC	0.058 U	0.030 U	0.058 U	0.058 U
tert-Butyl alcohol	ppb	NC	NC	0.32 J	2.7 J	0.076 J	0.085 J
tert-Butylbenzene	ppb	NC	NC	0.066 U	0.047 U	0.066 U	0.066 U
Tetrachloroethene	ppb	250	2500	14	0.73	0.63	2.0
Tetrahydrofuran	ppb	NC	NC	0.063 U	0.018 U	0.063 U	0.063 U
Toluene	ppb	NC	NC	2.6	0.15 J	0.66	0.42
trans-1,2-Dichloroethene	ppb	NC	NC	0.050 U	0.032 U	0.050 U	0.050 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.048 U	0.020 U	0.048 U	0.048 U
Trichloroethene	ppb	20	200	1.2	0.11 J	0.036 U	0.11 J
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	2.9	2.4	1.4	2.2
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.11 J	0.073 J	0.044 J	0.087 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.035 U	0.019 U	0.035 U	0.035 U
Vinyl chloride	ppb	20	200	0.071 U	0.029 U	0.071 U	0.071 U
Xylenes (total)	ppb	NC	NC	-	0.069 J	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>	<i>Building 24, Probe E</i>		<i>Building 24, Probe F</i>		<i>Building 24, Probe F</i>		<i>Building 24, Probe F</i>	
<i>Sample Location:</i>	<i>2215 & 2219 East River Road</i>		<i>2215 & 2219 East River Road</i>		<i>2215 & 2219 East River Road</i>		<i>2215 & 2219 East River Road</i>	
<i>Sample Date:</i>	<i>8/11/2012</i>		<i>1/7/2012</i>		<i>3/10/2012</i>		<i>8/11/2012</i>	
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>					
		<i>a</i>	<i>b</i>					
<i>Tentatively Identified Compounds (TIC) Volatiles</i>								
(1R)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one A	ppb	NC	NC	-	-	-	-	-
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene A	ppb	NC	NC	-	-	-	-	-
1,1,3-Trimethylcyclohexane A	ppb	NC	NC	4.8 NJ	-	-	-	-
1,1-Difluoroethane A	ppb	NC	NC	-	-	-	-	-
1,4-Dimethyl-2-ethylbenzene A	ppb	NC	NC	-	-	-	-	-
1-Ethyl-2,4-dimethylbenzene A	ppb	NC	NC	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ppb	NC	NC	-	-	-	-	-
1-Methyl-4-propylbenzene A	ppb	NC	NC	-	-	-	-	-
1R- α -Pinene A	ppb	NC	NC	-	-	-	-	-
2-Methylbutane A	ppb	NC	NC	-	-	-	-	-
2-Methylpentane A	ppb	NC	NC	-	-	-	-	-
3-Methylhexane A	ppb	NC	NC	-	-	-	-	-
3-Methylpentane A	ppb	NC	NC	-	-	-	-	-
4-Methyloctane A	ppb	NC	NC	-	-	-	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-	-	-	-
Acetaldehyde A	ppb	110	NC	6.7 NJ	-	-	-	6.3 NJ
Cyclohexane, methyl A	ppb	NC	NC	-	-	-	-	-
Cyclopentane, methyl- A	ppb	NC	NC	-	-	-	-	-
Cyclotrisiloxane, hexamethyl- A	ppb	NC	NC	-	41 JN	-	-	-
Cymene A	ppb	NC	NC	-	-	-	-	-
Ethylcyclohexane A	ppb	NC	NC	-	-	-	-	-
Heptane, 2-methyl- A	ppb	NC	NC	3.2 NJ	-	-	-	-
Heptane, 3-ethyl-2-methyl- A	ppb	NC	NC	-	-	-	-	-
Isobutane A	ppb	NC	NC	-	-	-	-	-
Isobutylene A	ppb	NC	NC	-	-	-	-	-
Isopropyl cyclobutane A	ppb	NC	NC	-	-	-	-	-
N-Chlorosuccinimide A	ppb	NC	NC	-	-	-	-	-
Pentane A	ppb	NC	NC	-	-	-	-	-

TABLE 1
SUMMARY OF SUB-SLAB ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>	<i>Building 24, Probe E</i>	<i>Building 24, Probe F</i>	<i>Building 24, Probe F</i>	<i>Building 24, Probe F</i>
<i>Sample Location:</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>	<i>2215 & 2219 East River Road</i>
<i>Sample Date:</i>	<i>8/11/2012</i>	<i>1/7/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Sub-Slab Screening Levels (Non-residential)</i>	<i>ODH Sub-Slab Action Levels (Non-residential)</i>	
		<i>a</i>	<i>b</i>	
Pinene A	ppb	NC	NC	-
Propane A	ppb	NC	NC	U
Silanol, trimethyl- A	ppb	NC	NC	4.2 JN
trans-1,2-Dimethylcyclohexane A	ppb	NC	NC	-
trans-1,3-Dimethylcyclohexane A	ppb	NC	NC	-
Unknown 1	ppb	NC	NC	23 J
Unknown 2	ppb	NC	NC	30 J
Unknown 3	ppb	NC	NC	-
Unknown 4	ppb	NC	NC	-
Unknown A	ppb	NC	NC	28 NJ
Unknown B	ppb	NC	NC	-
Unknown C	ppb	NC	NC	-
Unknown D	ppb	NC	NC	-
Unknown E	ppb	NC	NC	-
Unknown F	ppb	NC	NC	-
Unknown G	ppb	NC	NC	-
Unknown H	ppb	NC	NC	-
Unknown I	ppb	NC	NC	-
Unknown J	ppb	NC	NC	-
Unknown K	ppb	NC	NC	-
Unknown L	ppb	NC	NC	-
Unknown M	ppb	NC	NC	-
Unknown N	ppb	NC	NC	-
<i>Gases</i>				
Methane	%	0.5	0.5	0.20 U
<i>Field Parameter</i>				
Methane, field (unfiltered)	%	0.5	0.5	0.0 /0.0
Methane, field (filtered)	%	0.5	0.5	0 /0

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- - Not applicable.
- Concentration was greater than applicable criteria.

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location:				Outdoor Air	Building 23, Outdoor Air	Building 23, Outdoor Air	Building 23, IA_A	Building 23, IA_A	Building 23, Cubicles	Building 23, Cubicles
Sample Location:					2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road
Sample Date:				1/7/2012	3/10/2012	8/11/2012	3/10/2012	8/11/2012	3/10/2012	3/10/2012 Duplicate
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential)	ODH Indoor Air Action Levels (Non-residential)							
		a	b							
Volatile Organic Compounds										
1,1,1-Trichloroethane	ppb	NC	NC	0.035 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.040 U	0.56	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U
1,1,2-Trichloroethane	ppb	NC	NC	0.019 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
1,1-Dichloroethane	ppb	16	160	0.035 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
1,1-Dichloroethene	ppb	NC	NC	0.030 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U
1,2,4-Trichlorobenzene	ppb	NC	NC	0.050 U	0.098 UJ	0.098 UJ	0.098 UJ	0.098 UJ	0.098 UJ	0.098 UJ
1,2,4-Trimethylbenzene	ppb	NC	NC	0.052 U	0.063 U	0.063 U	0.099 J	0.11 J	0.12 J	0.12 J
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.018 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
1,2-Dichlorobenzene	ppb	NC	NC	0.048 U	0.070 U	0.070 U	0.070 U	0.070 U	0.070 U	0.070 U
1,2-Dichloroethane	ppb	NC	NC	0.031 U	0.047 U	0.047 U	0.047 U	0.14 J	0.047 U	0.060 J
1,2-Dichloroethene (total)	ppb	NC	NC	0.014 U	-	-	-	-	-	-
1,2-Dichloropropane	ppb	NC	NC	0.014 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U
1,3,5-Trimethylbenzene	ppb	NC	NC	0.051 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
1,3-Butadiene	ppb	NC	NC	0.010 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
1,3-Dichlorobenzene	ppb	NC	NC	0.044 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
1,4-Dichlorobenzene	ppb	NC	NC	0.044 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
1,4-Dioxane	ppb	NC	NC	0.088 U	0.080 UJ	0.080 U	0.080 UJ	0.080 U	0.080 UJ	0.080 UJ
2,2,4-Trimethylpentane	ppb	NC	NC	0.036 U	0.039 U	0.039 U	0.039 U	0.83	0.039 U	0.039 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.48 J	0.59 J	0.33 J	0.78 J	1.3	0.43 J	0.62 J
2-Chlorotoluene	ppb	NC	NC	0.047 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
2-Hexanone	ppb	NC	NC	0.039 U	0.058 UJ	0.058 U	0.058 UJ	0.058 U	0.058 UJ	0.058 UJ
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.047 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
4-Ethyl toluene	ppb	NC	NC	0.046 U	0.066 U	0.066 U	0.066 U	0.066 U	0.077 J	0.082 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.026 U	0.045 UJ	0.045 U	0.18 J	0.15 J	0.14 J	0.16 J
Acetone	ppb	NC	NC	3.1 J	2.0 J	3.7 J	7.1	62	4.6 J	5.6
Allyl chloride	ppb	NC	NC	0.019 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
Benzene	ppb	2	20	0.16 J	0.15 J	0.057 J	0.15 J	0.086 J	0.15 J	0.15 J
Benzyl chloride	ppb	NC	NC	0.046 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U
Bromodichloromethane	ppb	NC	NC	0.028 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
Bromoform	ppb	NC	NC	0.019 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
Bromomethane (Methyl bromide)	ppb	NC	NC	0.012 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U
Butane	ppb	NC	NC	1.2	1.2	0.13 J	0.93	0.64	0.97	0.84
Carbon disulfide	ppb	NC	NC	0.066 U	0.031 U	0.031 U	0.031 U	0.036 J	0.031 U	0.032 J
Carbon tetrachloride	ppb	NC	NC	0.069 J	0.076 J	0.070 J	0.062 J	0.070 J	0.074 J	0.082 J
Chlorobenzene	ppb	NC	NC	0.020 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Chlorodifluoromethane	ppb	NC	NC	0.22 J	0.37	0.24	24	17	25	24
Chloroethane	ppb	NC	NC	0.016 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Sample Location:		Outdoor Air	Building 23, Outdoor Air	Building 23, Outdoor Air	Building 23, IA_A	Building 23, IA_A	Building 23, Cubicles	Building 23, Cubicles	
Sample Location:			2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	
Sample Date:		1/7/2012	3/10/2012	8/11/2012	3/10/2012	8/11/2012	3/10/2012	3/10/2012 Duplicate	
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential) a	ODH Indoor Air Action Levels (Non-residential) b						
Chloroform (Trichloromethane)	ppb	80	800	0.031 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
Chloromethane (Methyl chloride)	ppb	NC	NC	0.45 J	0.55	0.64	0.39 J	0.56	0.49 J
cis-1,2-Dichloroethene	ppb	37	370	0.014 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.016 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
Cyclohexane	ppb	NC	NC	0.039 U	0.040 U	0.040 U	0.040 U	0.053 J	0.040 U
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.048 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U
Dibromochloromethane	ppb	NC	NC	0.021 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.45 J	0.41	0.46	0.43	0.46	0.41
Ethylbenzene	ppb	250	2500	0.027 J	0.068 U	0.068 U	0.15 J	0.38	0.16 J
Hexachlorobutadiene	ppb	NC	NC	0.065 U	0.078 UJ	0.078 U	0.078 UJ	0.078 UJ	0.078 UJ
Hexane	ppb	NC	NC	0.15 J	0.10 J	0.064 J	0.12 J	0.098 J	0.12 J
Isopropyl alcohol	ppb	NC	NC	0.037 U	0.20 J	0.18 J	5.7	7.3	5.5
Isopropyl benzene	ppb	NC	NC	0.031 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
m&p-Xylenes	ppb	200	2000	0.059 J	0.12 U	0.12 U	0.47	1.0	0.47
Methyl methacrylate	ppb	NC	NC	0.013 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.016 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Methylene chloride	ppb	NC	NC	0.25 U	0.18 J	0.045 U	0.31 J	0.045 U	0.31 J
Naphthalene	ppb	2.9	NC	0.086 U	0.090 UJ	0.090 UJ	0.090 UJ	0.090 UJ	0.090 UJ
N-Butylbenzene	ppb	NC	NC	0.055 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
N-Decane	ppb	NC	NC	-	-	0.056 UJ	-	0.065 J	-
N-Dodecane	ppb	NC	NC	-	-	0.24 J	-	0.078 U	-
N-Heptane	ppb	NC	NC	0.073 J	0.047 U	0.047 U	0.097 J	0.43 J	0.11 J
Nonane	ppb	NC	NC	-	-	0.043 U	-	0.043 U	-
N-Propylbenzene	ppb	NC	NC	0.050 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
N-Undecane	ppb	NC	NC	-	-	0.074 J	-	0.080 J	-
Octane	ppb	NC	NC	-	-	0.10 J	-	0.14 J	-
o-Xylene	ppb	200	2000	0.022 U	0.061 U	0.061 U	0.14 J	0.31	0.13 J
Pentane	ppb	NC	NC	-	-	0.15 J	-	6.2	-
Styrene	ppb	NC	NC	0.030 U	0.058 U	0.058 U	0.082 J	0.066 J	0.097 J
tert-Butyl alcohol	ppb	NC	NC	0.071 U	0.040 J	0.038 U	0.17 J	0.26 J	0.13 J
tert-Butylbenzene	ppb	NC	NC	0.047 U	0.066 U	0.066 U	0.066 U	0.066 U	0.066 U
Tetrachloroethene	ppb	25	250	0.011 U	0.092 J	0.040 U	0.040 U	0.083 J	0.040 U
Tetrahydrofuran	ppb	NC	NC	0.018 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
Toluene	ppb	NC	NC	0.16 J	0.21	0.22	0.80	0.67	0.68
trans-1,2-Dichloroethene	ppb	NC	NC	0.032 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.020 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
Trichloroethene	ppb	2	20	0.030 U	0.17 J	0.036 U	0.036 U	0.036 U	0.036 U
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.18 J	0.20	0.23	0.20	0.22	0.20
Trifluorotrichloroethane (Freon 113)	ppb	NC	NC	0.068 J	0.063 J	0.071 J	0.068 J	0.073 J	0.062 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.019 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U
Vinyl chloride	ppb	2	20	0.029 U	0.071 U	0.071 U	0.071 U	0.19 J	0.074 J
Xylenes (total)	ppb	NC	NC	0.059 J	-	-	-	-	-

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location:	Outdoor Air	Building 23, Outdoor Air	Building 23, Outdoor Air	Building 23, IA_A	Building 23, IA_A	Building 23, Cubicles	Building 23, Cubicles
Sample Location:		2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road
Sample Date:	1/7/2012	3/10/2012	8/11/2012	3/10/2012	8/11/2012	3/10/2012	3/10/2012
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential) a	ODH Indoor Air Action Levels (Non-residential) b				Duplicate
Tentatively Identified Compounds (TIC) Volatiles							
1R- α -Pinene A	ppb	NC	NC	-	-	-	-
2-Methylbutane A	ppb	NC	NC	-	-	2.7 NJ	-
2-Methylpentane A	ppb	NC	NC	-	-	-	-
3-Methylhexane A	ppb	NC	NC	-	-	-	-
3-Methylpentane A	ppb	NC	NC	-	-	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-	-	-
Acetaldehyde A	ppb	11	NC	-	-	-	-
beta-Pinene A	ppb	NC	NC	-	-	-	-
Decahydro-2-methylnaphthalene A	ppb	NC	NC	-	-	-	-
d-Limonene A	ppb	NC	NC	-	-	-	-
Ethanol A	ppb	NC	NC	-	-	21 NJ	-
Ethyl acetate A	ppb	NC	NC	-	-	-	-
Hexanal A	ppb	NC	NC	-	-	-	-
Isobutane A	ppb	NC	NC	-	-	-	-
Methanol A	ppb	NC	NC	-	-	11 NJ	-
Naphthalene, decahydro-, trans- A	ppb	NC	NC	-	-	-	-
Pinene A	ppb	NC	NC	-	-	-	-
Propane A	ppb	NC	NC	-	0.98 NJ	-	45 NJ
Unknown A	ppb	NC	NC	-	-	-	8.6 NJ
Unknown B	ppb	NC	NC	-	-	-	4.1 NJ
Gases							
Methane	%	0.05	0.05	-	0.20 U ^{ab}	-	0.21 U ^{ab}
Field Parameter							
Methane, field (unfiltered)	%	0.05	0.05	0.0 / 0.0	-	-	-
Methane, field (filtered)	%	0.05	0.05	-	0 / 0.0	0 / 0	0.0 / 0.0

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- Not applicable.
- Concentration was greater than applicable criteria.

TABLE 2

SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

Sample Location:				Building 23, Cubicles	Building 23, 1A_D	Building 23, 1A_D	Building 23, 1A_D	Building 24, Outdoor Air	Building 24, Outdoor Air
Sample Location:				2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2215 & 2219 East River Road	2215 & 2219 East River Road
Sample Date:				8/11/2012	3/10/2012	8/11/2012	8/11/2012	3/10/2012	8/11/2012
							Duplicate		
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential)	ODH Indoor Air Action Levels (Non-residential)						
		a	b						
Volatile Organic Compounds									
1,1,1-Trichloroethane	ppb	NC	NC	0.060 U	0.030 U	0.030 U	0.060 U	0.030 U	0.030 U
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.12 U	0.061 U	0.061 U	0.12 U	0.061 U	0.061 U
1,1,2-Trichloroethane	ppb	NC	NC	0.11 U	0.054 U	0.054 U	0.11 U	0.054 U	0.054 U
1,1-Dichloroethane	ppb	16	160	0.052 U	0.026 U	0.026 U	0.052 U	0.026 U	0.026 U
1,1-Dichloroethene	ppb	NC	NC	0.064 U	0.032 U	0.032 U	0.064 U	0.032 U	0.032 U
1,2,4-Trichlorobenzene	ppb	NC	NC	0.20 UJ	0.098 UJ	0.098 UJ	0.20 UJ	0.098 UJ	0.098 UJ
1,2,4-Trimethylbenzene	ppb	NC	NC	0.56	0.063 U	1.6	1.7	0.063 U	0.063 U
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.088 U	0.044 U	0.044 U	0.088 U	0.044 U	0.044 U
1,2-Dichlorobenzene	ppb	NC	NC	0.14 U	0.070 U	0.070 U	0.14 U	0.070 U	0.070 U
1,2-Dichloroethane	ppb	NC	NC	0.20 J	0.047 U	0.11 J	0.12 J	0.047 U	0.047 U
1,2-Dichloroethene (total)	ppb	NC	NC	-	-	-	-	-	-
1,2-Dichloropropane	ppb	NC	NC	0.10 U	0.052 U	0.052 U	0.10 U	0.052 U	0.052 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.064 U	0.032 U	0.032 U	0.064 U	0.032 U	0.032 U
1,3,5-Trimethylbenzene	ppb	NC	NC	0.13 J	0.065 U	0.40	0.37 J	0.065 U	0.065 U
1,3-Butadiene	ppb	NC	NC	0.13 U	0.064 U	0.064 U	0.13 U	0.064 U	0.064 U
1,3-Dichlorobenzene	ppb	NC	NC	0.13 U	0.065 U	0.065 U	0.13 U	0.065 U	0.065 U
1,4-Dichlorobenzene	ppb	NC	NC	0.13 U	0.064 U	0.064 U	0.13 U	0.064 U	0.064 U
1,4-Dioxane	ppb	NC	NC	0.16 U	0.080 U	0.080 U	0.16 U	0.080 UJ	0.080 U
2,2,4-Trimethylpentane	ppb	NC	NC	0.089 J	0.039 U	0.039 U	0.15 J	0.039 U	0.24 J
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.88 J	0.56 J	0.96 J	0.94 J	0.40 J	0.47 J
2-Chlorotoluene	ppb	NC	NC	0.13 U	0.063 U	0.063 U	0.13 U	0.063 U	0.063 U
2-Hexanone	ppb	NC	NC	0.12 U	0.058 U	0.060 J	0.12 U	0.058 UJ	0.058 U
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.13 U	0.064 U	0.064 U	0.13 U	0.064 U	0.064 U
4-Ethyl toluene	ppb	NC	NC	0.19 J	0.066 U	0.53	0.52 J	0.066 U	0.066 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.13 J	0.045 U	0.11 J	0.15 J	0.045 UJ	0.045 U
Acetone	ppb	NC	NC	64	3.3 J	39	43	1.4 U	6.0
Allyl chloride	ppb	NC	NC	0.096 U	0.048 U	0.048 U	0.096 U	0.048 U	0.048 U
Benzene	ppb	2	20	0.12 J	0.15 J	0.074 J	0.11 U	0.14 J	0.071 J
Benzyl chloride	ppb	NC	NC	0.16 U	0.078 U	0.078 U	0.16 U	0.078 U	0.078 U
Bromodichloromethane	ppb	NC	NC	0.088 U	0.044 U	0.044 U	0.088 U	0.044 U	0.044 U
Bromoform	ppb	NC	NC	0.096 U	0.048 U	0.048 U	0.096 U	0.048 U	0.048 U
Bromomethane (Methyl bromide)	ppb	NC	NC	0.064 U	0.032 U	0.032 U	0.064 U	0.032 U	0.032 U
Butane	ppb	NC	NC	0.96	2.3	0.75	0.95	1.5	0.22 J
Carbon disulfide	ppb	NC	NC	0.062 U	0.031 U	0.043 J	0.067 J	0.031 U	0.031 U
Carbon tetrachloride	ppb	NC	NC	0.078 J	0.068 J	0.072 J	0.086 J	0.091 J	0.076 J
Chlorobenzene	ppb	NC	NC	0.098 U	0.049 U	0.049 U	0.098 U	0.049 U	0.049 U
Chlorodifluoromethane	ppb	NC	NC	23	5.9	7.3	8.6	0.96	0.30
Chloroethane	ppb	NC	NC	0.070 U	0.035 U	0.035 U	0.070 U	0.035 U	0.035 U

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Sample Location:				Building 23, Cubicles	Building 23, 1A_D	Building 23, 1A_D	Building 23, 1A_D	Building 24, Outdoor Air	Building 24, Outdoor Air
Sample Location:				2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2215 & 2219 East River Road	2215 & 2219 East River Road
Sample Date:				8/11/2012	3/10/2012	8/11/2012	8/11/2012	3/10/2012	8/11/2012
							Duplicate		
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential)	ODH Indoor Air Action Levels (Non-residential)						
		a	b						
Chloroform (Trichloromethane)	ppb	80	800	0.076 U	0.038 U	0.040 J	0.076 U	0.038 U	0.038 U
Chloromethane (Methyl chloride)	ppb	NC	NC	0.75 J	0.57	0.66	0.75 J	0.52	0.61
cis-1,2-Dichloroethene	ppb	37	370	0.12 U	0.060 U	0.060 U	0.12 U	0.060 U	0.060 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.15 U	0.074 U	0.074 U	0.15 U	0.074 U	0.074 U
Cyclohexane	ppb	NC	NC	0.080 U	0.040 U	0.044 J	0.080 U	0.040 U	0.052 J
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.11 U	0.057 U	0.062 J	0.11 U	0.057 U	0.057 U
Dibromochloromethane	ppb	NC	NC	0.084 U	0.042 U	0.042 U	0.084 U	0.042 U	0.042 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.54	0.45	0.45	0.55	0.45	0.53
Ethylbenzene	ppb	250	2500	0.31 J	0.068 U	0.24	0.25 J	0.068 U	0.068 U
Hexachlorobutadiene	ppb	NC	NC	0.16 UJ	0.078 U	0.078 UJ	0.16 U	0.078 UJ	0.078 UJ
Hexane	ppb	NC	NC	0.10 J	0.13 J	0.10 J	0.12 J	0.12 J	0.15 J
Isopropyl alcohol	ppb	NC	NC	7.2	2.3	2.7 J	6.5 J	0.20 J	0.30 J
Isopropyl benzene	ppb	NC	NC	0.12 U	0.060 U	0.18 J	0.17 J	0.060 U	0.060 U
m&p-Xylenes	ppb	200	2000	0.88	0.12 U	0.64	0.61	0.12 U	0.12 U
Methyl methacrylate	ppb	NC	NC	0.16 U	0.079 U	0.079 U	0.16 U	0.079 U	0.079 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.34 U	0.17 U	0.17 U	0.34 U	0.17 U	0.17 U
Methylene chloride	ppb	NC	NC	0.090 U	0.33 J	0.56 J	1.1 J	0.59	0.045 U
Naphthalene	ppb	2.9	NC	0.18 UJ	0.090 UJ	0.090 UJ	0.18 UJ	0.090 UJ	0.090 UJ
N-Butylbenzene	ppb	NC	NC	0.092 U	0.046 U	0.055 J	0.092 U	0.046 U	0.046 U
N-Decane	ppb	NC	NC	0.27 J	-	0.87 J	0.92 J	-	0.056 UJ
N-Dodecane	ppb	NC	NC	0.34 J	-	0.25 J	1.1 J	-	0.078 U
N-Heptane	ppb	NC	NC	0.41 J	0.081 J	0.29 J	0.37 J	0.047 U	0.17 J
Nonane	ppb	NC	NC	0.15 J	-	0.25 J	0.23 J	-	0.043 U
N-Propylbenzene	ppb	NC	NC	0.11 J	0.056 U	0.32 J	0.31 J	0.056 U	0.056 U
N-Undecane	ppb	NC	NC	0.40 J	-	0.57 J	1.3 J	-	0.062 U
Octane	ppb	NC	NC	0.12 J	-	0.14 J	0.12 J	-	0.036 U
o-Xylene	ppb	200	2000	0.30 J	0.061 U	0.29	0.28 J	0.061 U	0.061 U
Pentane	ppb	NC	NC	8.3	-	5.7	7.0	-	0.25 J
Styrene	ppb	NC	NC	0.29 J	0.058 U	0.55	0.51	0.058 U	0.058 U
tert-Butyl alcohol	ppb	NC	NC	0.27 J	0.12 J	0.11 J	0.44 J	0.038 U	0.081 J
tert-Butylbenzene	ppb	NC	NC	0.13 U	0.066 U	0.066 U	0.13 U	0.066 U	0.066 U
Tetrachloroethene	ppb	25	250	0.080 U	0.040 U	0.040 U	0.080 U	0.060 J	0.040 U
Tetrahydrofuran	ppb	NC	NC	0.13 U	0.063 U	0.063 U	0.13 U	0.063 U	0.063 U
Toluene	ppb	NC	NC	0.79	0.46	1.0	1.0	0.16 J	0.97
trans-1,2-Dichloroethene	ppb	NC	NC	0.10 U	0.050 U	0.050 U	0.10 U	0.050 U	0.050 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.096 U	0.048 U	0.048 U	0.096 U	0.048 U	0.048 U
Trichloroethene	ppb	2	20	0.072 U	0.051 J	0.036 U	0.093 J	0.036 U	0.036 U
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.26 J	0.24	0.23	0.30 J	0.24	0.26
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.081 J	0.070 J	0.072 J	0.082 J	0.068 J	0.081 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.070 U	0.035 U	0.035 U	0.070 U	0.035 U	0.035 U
Vinyl chloride	ppb	2	20	0.25 J	0.071 U	0.10 J	0.14 U	0.071 U	0.071 U
Xylenes (total)	ppb	NC	NC	-	-	-	-	-	-

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Sample Location:				Building 23, Cubicles	Building 23, 1A_D	Building 23, 1A_D	Building 23, 1A_D	Building 24, Outdoor Air	Building 24, Outdoor Air
Sample Location:				2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2153 Dryden Road	2215 & 2219 East River Road	2215 & 2219 East River Road
Sample Date:				8/11/2012	3/10/2012	8/11/2012	8/11/2012	3/10/2012	8/11/2012
							Duplicate		
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential)	ODH Indoor Air Action Levels (Non-residential)						
		a	b						
<i>Tentatively Identified Compounds (TIC) Volatiles</i>									
1R-alpha-Pinene A	ppb	NC	NC	-	-	-	-	-	-
2-Methylbutane A	ppb	NC	NC	3.6 NJ	-	2.7 NJ	3.4 NJ	-	-
2-Methylpentane A	ppb	NC	NC	-	-	-	-	-	-
3-Methylhexane A	ppb	NC	NC	-	-	-	-	-	-
3-Methylpentane A	ppb	NC	NC	-	-	-	-	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-	-	-	-	-
Acetaldehyde A	ppb	11	NC	-	-	-	-	-	3.6 NJ
beta-Pinene A	ppb	NC	NC	-	-	-	-	-	-
Decahydro-2-methylnaphthalene A	ppb	NC	NC	-	-	-	-	-	-
d-Limonene A	ppb	NC	NC	-	-	-	-	-	-
Ethanol A	ppb	NC	NC	25 NJ	-	14 NJ	17 NJ	-	-
Ethyl acetate A	ppb	NC	NC	-	-	-	-	-	-
Hexanal A	ppb	NC	NC	-	-	1.4 NJ	-	-	-
Isobutane A	ppb	NC	NC	-	-	3.5 NJ	4.3 NJ	-	-
Methanol A	ppb	NC	NC	12 NJ	-	9.4 NJ	10 NJ	-	-
Naphthalene, decahydro-, trans- A	ppb	NC	NC	-	-	-	-	-	-
Pinene A	ppb	NC	NC	-	-	-	-	-	-
Propane A	ppb	NC	NC	65 NJ	-	21 NJ	27 NJ	-	U
Unknown A	ppb	NC	NC	9.8 NJ	-	6.0 NJ	7.3 NJ	-	2.2 NJ
Unknown B	ppb	NC	NC	5.4 NJ	-	-	-	-	-
<i>Gases</i>									
Methane	%	0.05	0.05	0.19 U ^{ab}	-	0.21 U ^{ab}	0.19 U ^{ab}	-	0.19 U ^{ab}
<i>Field Parameter</i>									
Methane, field (unfiltered)	%	0.05	0.05	-	-	-	-	-	-
Methane, field (filtered)	%	0.05	0.05	0 / 0	0.0 / 0.0	0 / 0	0 / 0	0.0 / 0	0 / 0

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- Not applicable.
- Concentration was greater than applicable criteria.

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location:	Building 24, Outdoor Air		Building 24, IA_A		Building 24, IA_A		Building 24, IA_C		Building 24, IA_C		Building 24, IA_C	
Sample Location:	2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road	
Sample Date:	8/11/2012		3/10/2012		8/11/2012		3/10/2012		3/10/2012		8/11/2012	
	Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate	
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential)	ODH Indoor Air Action Levels (Non-residential)									
		a	b									
Volatile Organic Compounds												
1,1,1-Trichloroethane	ppb	NC	NC	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.036 J	
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	
1,1,2-Trichloroethane	ppb	NC	NC	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	
1,1-Dichloroethane	ppb	16	160	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	
1,1-Dichloroethene	ppb	NC	NC	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	
1,2,4-Trichlorobenzene	ppb	NC	NC	0.098 U	0.098 UJ	0.098 UJ	0.098 UJ	0.098 UJ	0.098 UJ	0.098 UJ	0.098 UJ	
1,2,4-Trimethylbenzene	ppb	NC	NC	0.13 J	0.38	1.4	0.42	0.35	0.42	0.35	1.1	
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	
1,2-Dichlorobenzene	ppb	NC	NC	0.070 U	0.070 U	0.070 U	0.070 U	0.070 U	0.070 U	0.070 U	0.070 U	
1,2-Dichloroethane	ppb	NC	NC	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	
1,2-Dichloroethene (total)	ppb	NC	NC	-	-	-	-	-	-	-	-	
1,2-Dichloropropane	ppb	NC	NC	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	
1,3,5-Trimethylbenzene	ppb	NC	NC	0.065 U	0.099 J	0.23	0.11 J	0.19 J	0.11 J	0.19 J	0.21	
1,3-Butadiene	ppb	NC	NC	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	
1,3-Dichlorobenzene	ppb	NC	NC	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	
1,4-Dichlorobenzene	ppb	NC	NC	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	
1,4-Dioxane	ppb	NC	NC	0.080 U	0.080 UJ	0.080 U	0.080 UJ	0.080 UJ	0.080 UJ	0.080 UJ	0.080 UJ	
2,2,4-Trimethylpentane	ppb	NC	NC	0.039 U	0.091 J	0.078 J	0.091 J	0.099 J	0.091 J	0.099 J	0.11 J	
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.31 J	1.1	1.3	1.6	1.1	1.6	1.1	2.0	
2-Chlorotoluene	ppb	NC	NC	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	
2-Hexanone	ppb	NC	NC	0.058 U	0.058 UJ	0.11 J	0.058 UJ	0.058 UJ	0.058 UJ	0.058 UJ	0.17 J	
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.064 U	0.064 U	0.067 J	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	
4-Ethyl toluene	ppb	NC	NC	0.066 U	0.19 J	0.24 J	0.22 J	0.16 J	0.22 J	0.16 J	0.24 J	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.045 U	3.7 J	15	4.4 J	3.5 J	4.4 J	3.5 J	5.9	
Acetone	ppb	NC	NC	3.7 J	23	25	42	30	42	30	46	
Allyl chloride	ppb	NC	NC	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	
Benzene	ppb	2	20	0.065 J	0.23	0.22	0.24	0.25	0.23	0.25	0.37	
Benzyl chloride	ppb	NC	NC	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	
Bromodichloromethane	ppb	NC	NC	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	
Bromoform	ppb	NC	NC	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	
Bromomethane (Methyl bromide)	ppb	NC	NC	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	
Butane	ppb	NC	NC	0.22 J	4.0	2.1	4.9	4.7	4.9	4.7	4.7	
Carbon disulfide	ppb	NC	NC	0.031 U	0.031 U	0.15 J	0.042 J	0.040 J	0.042 J	0.040 J	0.18 J	
Carbon tetrachloride	ppb	NC	NC	0.068 J	0.076 J	0.074 J	0.082 J	0.080 J	0.082 J	0.080 J	0.072 J	
Chlorobenzene	ppb	NC	NC	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	
Chlorodifluoromethane	ppb	NC	NC	0.26	1.1	2.5	0.96	1.0	0.96	1.0	7.1	
Chloroethane	ppb	NC	NC	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	

TABLE 2

SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>				<i>Building 24, Outdoor Air</i>	<i>Building 24, IA_A</i>	<i>Building 24, IA_A</i>	<i>Building 24, IA_C</i>	<i>Building 24, IA_C</i>	<i>Building 24, IA_C</i>
<i>Sample Location:</i>				<i>2215 & 2219 East River Road</i>					
<i>Sample Date:</i>				<i>8/11/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>	<i>3/10/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>
				<i>Duplicate</i>				<i>Duplicate</i>	
<i>Parameter</i>	<i>Units</i>	<i>ODH Indoor Air Screening Levels (Non-residential)</i>	<i>ODH Indoor Air Action Levels (Non-residential)</i>						
		<i>a</i>	<i>b</i>						
Chloroform (Trichloromethane)	ppb	80	800	0.038 U	0.039 J				
Chloromethane (Methyl chloride)	ppb	NC	NC	0.54	0.58	0.72	0.47 J	0.59	0.59
cis-1,2-Dichloroethene	ppb	37	370	0.060 U					
cis-1,3-Dichloropropene	ppb	NC	NC	0.074 U					
Cyclohexane	ppb	NC	NC	0.040 U	0.42 J	0.77	0.48 J	0.46 J	1.2
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.057 U	0.076 J	0.21	0.098 J	0.068 J	0.15 J
Dibromochloromethane	ppb	NC	NC	0.042 U					
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.42	0.42	0.48	0.47	0.43	0.46
Ethylbenzene	ppb	250	2500	0.068 U	2.1	3.2	2.2	1.8	2.9
Hexachlorobutadiene	ppb	NC	NC	0.078 U	0.078 UJ				
Hexane	ppb	NC	NC	0.12 J	0.32 J	0.44 J	0.37 J	0.34 J	0.83
Isopropyl alcohol	ppb	NC	NC	0.17 J	11	9.6	14	11	18
Isopropyl benzene	ppb	NC	NC	0.060 U	0.080 J	0.12 J	0.086 J	0.073 J	0.14 J
m&p-Xylenes	ppb	200	2000	0.20	8.4	11	9.6	7.4	7.9
Methyl methacrylate	ppb	NC	NC	0.079 U	0.079 U	0.079 U	0.079 J	0.079 U	0.079 U
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.17 U					
Methylene chloride	ppb	NC	NC	0.77	0.53	0.045 U	0.26 J	0.35 J	0.53
Naphthalene	ppb	2.9	NC	0.10 J	0.090 UJ	0.096 J	0.090 UJ	0.090 UJ	0.13 J
N-Butylbenzene	ppb	NC	NC	0.046 U	0.046 U	0.050 J	0.046 U	0.046 U	0.061 J
N-Decane	ppb	NC	NC	0.16 J	-	0.30 J	-	-	0.74 J
N-Dodecane	ppb	NC	NC	0.078 U	-	0.47 J	-	-	0.93 J
N-Heptane	ppb	NC	NC	0.047 U	1.1	0.72	1.3	1.4	1.6
Nonane	ppb	NC	NC	0.043 U	-	0.12 J	-	-	0.20 J
N-Propylbenzene	ppb	NC	NC	0.056 U	0.092 J	0.15 J	0.10 J	0.079 J	0.17 J
N-Undecane	ppb	NC	NC	0.086 J	-	0.72 J	-	-	1.8
Octane	ppb	NC	NC	0.036 U	-	0.12 J	-	-	0.21 J
o-Xylene	ppb	200	2000	0.061 U	3.9	6.4	4.5	3.6	3.7
Pentane	ppb	NC	NC	0.20 J	-	1.4	-	-	2.8
Styrene	ppb	NC	NC	0.058 U	2.6	4.4	2.2	1.7	3.1
tert-Butyl alcohol	ppb	NC	NC	0.038 U	0.13 J	0.71 J	0.19 J	0.14 J	0.66 J
tert-Butylbenzene	ppb	NC	NC	0.066 U					
Tetrachloroethene	ppb	25	250	0.040 U	0.23	0.22	0.28	0.30	0.44
Tetrahydrofuran	ppb	NC	NC	0.063 U	0.063 U	0.34 J	0.20 J	0.063 U	0.26 J
Toluene	ppb	NC	NC	0.64	6.6	8.0	5.7	5.2	14
trans-1,2-Dichloroethene	ppb	NC	NC	0.050 U					
trans-1,3-Dichloropropene	ppb	NC	NC	0.048 U					
Trichloroethene	ppb	2	20	0.036 U	0.057 J	0.053 J	0.071 J	0.070 J	0.12 J
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.23	0.23	0.24	0.23	0.23	0.27
Trifluorotrichloroethane (Freon 113)	ppb	NC	NC	0.069 J	0.063 J	0.078 J	0.069 J	0.062 J	0.073 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.035 U					
Vinyl chloride	ppb	2	20	0.071 U					
Xylenes (total)	ppb	NC	NC	-	-	-	-	-	-

TABLE 2

SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

Sample Location:	Building 24, Outdoor Air		Building 24, IA_A		Building 24, IA_A		Building 24, IA_C		Building 24, IA_C		Building 24, IA_C	
Sample Location:	2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road		2215 & 2219 East River Road	
Sample Date:	8/11/2012		3/10/2012		8/11/2012		3/10/2012		3/10/2012		8/11/2012	
	Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate	
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential)	ODH Indoor Air Action Levels (Non-residential)									
		a	b									
<i>Tentatively Identified Compounds (TIC) Volatiles</i>												
1R- α -Pinene A	ppb	NC	NC	-	-	22 NJ	-	-	-	-	9.8 NJ	-
2-Methylbutane A	ppb	NC	NC	-	-	32 NJ	-	-	-	-	31 NJ	-
2-Methylpentane A	ppb	NC	NC	-	-	3.1 NJ	-	-	-	-	4.5 NJ	-
3-Methylhexane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-
3-Methylpentane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	-	-	-	-	-	-	7.7 NJ	-
Acetaldehyde A	ppb	11	NC	3.0 NJ	-	-	-	-	-	-	-	-
beta-Pinene A	ppb	NC	NC	-	-	19 NJ	-	-	-	-	-	-
Decahydro-2-methylnaphthalene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-
d-Limonene A	ppb	NC	NC	-	-	1.8 NJ	-	-	-	-	-	-
Ethanol A	ppb	NC	NC	-	-	6.0 NJ	-	-	-	-	10 NJ	-
Ethyl acetate A	ppb	NC	NC	-	-	-	-	-	-	-	3.2 NJ	-
Hexanal A	ppb	NC	NC	-	-	-	-	-	-	-	-	-
Isobutane A	ppb	NC	NC	-	-	-	-	-	-	-	-	-
Methanol A	ppb	NC	NC	-	-	18 NJ	-	-	-	-	23 NJ	-
Naphthalene, decahydro-, trans- A	ppb	NC	NC	-	-	-	-	-	-	-	-	-
Pinene A	ppb	NC	NC	-	-	-	-	-	-	-	-	-
Propane A	ppb	NC	NC	U	-	U	-	-	-	-	U	-
Unknown A	ppb	NC	NC	-	-	-	-	-	-	-	2.6 NJ	-
Unknown B	ppb	NC	NC	-	-	-	-	-	-	-	-	-
<i>Gases</i>												
Methane	%	0.05	0.05	0.21 U ^{ab}	-	0.19 U ^{ab}	-	-	-	-	0.20 U ^{ab}	-
<i>Field Parameter</i>												
Methane, field (unfiltered)	%	0.05	0.05	-	-	-	-	-	-	-	-	-
Methane, field (filtered)	%	0.05	0.05	0 / 0	0.0 / 0	0 / 0	0 / 0.0	0.0 / 0.0	0.0 / 0	0.0 / 0	0 / 0	0 / 0

Notes:

J - The chemical was detected by the laboratory, the listed value is an approximate concentration

JN or NJ - The listed value of the tentatively identified compound is an approximate concentration

U - The chemical was not detected in the sample at the detection limit shown.

UJ - The chemical was not detected in the sample at the approximate detection limit shown.

NC - No criterion

-- Not applicable.

- Concentration was greater than applicable criteria.

TABLE 2

SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

<i>Sample Location:</i>				<i>Building 24, IA_D</i>	<i>Building 24, IA_D</i>	<i>Building 24, IA_F</i>	<i>Building 24, IA_F</i>
<i>Sample Location:</i>				<i>2215 & 2219 East River Road</i>			
<i>Sample Date:</i>				<i>3/10/2012</i>	<i>8/11/2012</i>	<i>3/10/2012</i>	<i>8/11/2012</i>
<i>Parameter</i>	<i>Units</i>	<i>ODH Indoor Air Screening Levels (Non-residential)</i>	<i>ODH Indoor Air Action Levels (Non-residential)</i>				
		<i>a</i>	<i>b</i>				
<i>Volatile Organic Compounds</i>							
1,1,1-Trichloroethane	ppb	NC	NC	0.030 U	0.030 U	0.030 U	0.030 U
1,1,2,2-Tetrachloroethane	ppb	NC	NC	0.061 U	0.061 U	0.061 U	0.061 U
1,1,2-Trichloroethane	ppb	NC	NC	0.054 U	0.054 U	0.054 U	0.054 U
1,1-Dichloroethane	ppb	16	160	0.026 U	0.026 U	0.026 U	0.026 U
1,1-Dichloroethene	ppb	NC	NC	0.032 U	0.032 U	0.032 U	0.032 U
1,2,4-Trichlorobenzene	ppb	NC	NC	0.098 UJ	0.098 UJ	0.098 UJ	0.098 U
1,2,4-Trimethylbenzene	ppb	NC	NC	0.14 J	0.57	0.38	1.2
1,2-Dibromoethane (Ethylene dibromide)	ppb	NC	NC	0.044 U	0.044 U	0.044 U	0.044 U
1,2-Dichlorobenzene	ppb	NC	NC	0.070 U	0.070 U	0.095 J	0.070 U
1,2-Dichloroethane	ppb	NC	NC	0.047 U	0.066 J	0.047 U	0.047 U
1,2-Dichloroethene (total)	ppb	NC	NC	-	-	-	-
1,2-Dichloropropane	ppb	NC	NC	0.052 U	0.052 U	0.052 U	0.052 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppb	NC	NC	0.032 U	0.032 U	0.032 U	0.032 U
1,3,5-Trimethylbenzene	ppb	NC	NC	0.065 U	0.12 J	0.088 J	0.25
1,3-Butadiene	ppb	NC	NC	0.064 U	0.064 U	0.064 U	0.064 U
1,3-Dichlorobenzene	ppb	NC	NC	0.065 U	0.065 U	0.065 U	0.065 U
1,4-Dichlorobenzene	ppb	NC	NC	0.064 U	0.064 U	0.064 U	0.064 U
1,4-Dioxane	ppb	NC	NC	0.080 UJ	0.080 U	0.080 UJ	0.080 U
2,2,4-Trimethylpentane	ppb	NC	NC	0.058 J	0.070 J	0.17 J	0.16 J
2-Butanone (Methyl ethyl ketone) (MEK)	ppb	NC	NC	0.64 J	1.5	1.7	1.8
2-Chlorotoluene	ppb	NC	NC	0.063 U	0.063 U	0.063 U	0.063 U
2-Hexanone	ppb	NC	NC	0.058 UJ	0.12 J	0.058 UJ	0.12 J
2-Phenylbutane (sec-Butylbenzene)	ppb	NC	NC	0.064 U	0.064 U	0.064 U	0.064 U
4-Ethyl toluene	ppb	NC	NC	0.095 J	0.16 J	0.18 J	0.44
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppb	NC	NC	0.78 J	3.2	2.3 J	3.8
Acetone	ppb	NC	NC	16	58	50	21
Allyl chloride	ppb	NC	NC	0.048 U	0.048 U	0.048 U	0.048 U
Benzene	ppb	2	20	0.19 J	0.24	0.31	0.69
Benzyl chloride	ppb	NC	NC	0.078 U	0.078 U	0.078 U	0.078 U
Bromodichloromethane	ppb	NC	NC	0.044 U	0.044 U	0.044 U	0.044 U
Bromoform	ppb	NC	NC	0.048 U	0.048 U	0.048 U	0.048 U
Bromomethane (Methyl bromide)	ppb	NC	NC	0.032 U	0.032 U	0.032 U	0.032 U
Butane	ppb	NC	NC	4.2	9.6	11	6.6
Carbon disulfide	ppb	NC	NC	0.031 U	0.16 J	0.031 U	0.16 J
Carbon tetrachloride	ppb	NC	NC	0.075 J	0.080 J	0.077 J	0.067 J
Chlorobenzene	ppb	NC	NC	0.049 U	0.049 U	0.063 J	0.049 U
Chlorodifluoromethane	ppb	NC	NC	1.3	27	0.88	5.9
Chloroethane	ppb	NC	NC	0.035 U	0.035 U	0.035 U	0.035 U

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Parameter	Units	ODH Indoor Air		Building 24, IA_D		Building 24, IA_F	
		Screening Levels		2215 & 2219 East River Road		2215 & 2219 East River Road	
		(Non-residential)		3/10/2012		8/11/2012	
		a	b				
Chloroform (Trichloromethane)	ppb	80	800	0.038 U	0.079 J	0.038 U	0.041 J
Chloromethane (Methyl chloride)	ppb	NC	NC	0.51	0.82	0.31 J	0.56
cis-1,2-Dichloroethene	ppb	37	370	0.060 U	0.060 U	0.060 U	0.060 U
cis-1,3-Dichloropropene	ppb	NC	NC	0.074 U	0.074 U	0.074 U	0.074 U
Cyclohexane	ppb	NC	NC	0.31 J	1.4	0.65	1.4
Cymene (p-Isopropyltoluene)	ppb	NC	NC	0.057 U	0.098 J	0.13 J	0.099 J
Dibromochloromethane	ppb	NC	NC	0.042 U	0.042 U	0.042 U	0.042 U
Dichlorodifluoromethane (CFC-12)	ppb	NC	NC	0.38	0.43	0.42	0.44
Ethylbenzene	ppb	250	2500	0.63	1.4	1.4	2.4
Hexachlorobutadiene	ppb	NC	NC	0.078 UJ	0.078 UJ	0.078 UJ	0.078 U
Hexane	ppb	NC	NC	0.30 J	0.49 J	0.56	1.6
Isopropyl alcohol	ppb	NC	NC	25	61	8.8	13
Isopropyl benzene	ppb	NC	NC	0.060 U	0.074 J	0.060 U	0.11 J
m&p-Xylenes	ppb	200	2000	2.5	3.7	5.9	7.3
Methyl methacrylate	ppb	NC	NC	0.079 U	0.079 U	0.079 U	0.12 J
Methyl tert butyl ether (MTBE)	ppb	NC	NC	0.17 U	0.17 U	0.17 U	0.17 U
Methylene chloride	ppb	NC	NC	2.0	0.045 U	0.25 J	0.63
Naphthalene	ppb	2.9	NC	0.090 UJ	0.090 UJ	0.090 UJ	0.15 J
N-Butylbenzene	ppb	NC	NC	0.046 U	0.046 U	0.051 J	0.080 J
N-Decane	ppb	NC	NC	-	0.36 J	-	0.74 J
N-Dodecane	ppb	NC	NC	-	0.078 U	-	0.86 J
N-Heptane	ppb	NC	NC	0.65	1.1	2.7	3.1
Nonane	ppb	NC	NC	-	0.17 J	-	0.22 J
N-Propylbenzene	ppb	NC	NC	0.056 U	0.10 J	0.086 J	0.24 J
N-Undecane	ppb	NC	NC	-	0.31 J	-	1.5
Octane	ppb	NC	NC	-	0.18 J	-	0.38 J
o-Xylene	ppb	200	2000	1.1	1.7	2.7	3.1
Pentane	ppb	NC	NC	-	1.8	-	5.1
Styrene	ppb	NC	NC	0.54	1.0	1.2	2.1
tert-Butyl alcohol	ppb	NC	NC	0.11 J	0.25 J	0.12 J	0.32 J
tert-Butylbenzene	ppb	NC	NC	0.066 U	0.066 U	0.066 U	0.066 U
Tetrachloroethene	ppb	25	250	0.11 J	0.24	0.17 J	0.23
Tetrahydrofuran	ppb	NC	NC	0.063 U	0.12 J	0.063 U	0.71 J
Toluene	ppb	NC	NC	2.4	8.1	5.8	29
trans-1,2-Dichloroethene	ppb	NC	NC	0.050 U	0.050 U	0.050 U	0.050 U
trans-1,3-Dichloropropene	ppb	NC	NC	0.048 U	0.048 U	0.048 U	0.048 U
Trichloroethene	ppb	2	20	0.15 J	0.37	0.15 J	0.065 J
Trichlorofluoromethane (CFC-11)	ppb	NC	NC	0.23	0.21	0.20	0.22
Trifluorotrchloroethane (Freon 113)	ppb	NC	NC	0.060 J	0.069 J	0.075 J	0.069 J
Vinyl bromide (Bromoethene)	ppb	NC	NC	0.035 U	0.035 U	0.035 U	0.035 U
Vinyl chloride	ppb	2	20	0.071 U	0.071 U	0.071 U	0.071 U
Xylenes (total)	ppb	NC	NC	-	-	-	-

TABLE 2

**SUMMARY OF INDOOR AIR ANALYTICAL RESULTS
BUILDINGS 23 + 24 - 2153 DRYDEN RD + 2215/2219 EAST RIVER RD
VAPOR INTRUSION INVESTIGATION
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO**

Sample Location:	Building 24, IA_D	Building 24, IA_D	Building 24, IA_F	Building 24, IA_F			
Sample Location:	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road	2215 & 2219 East River Road			
Sample Date:	3/10/2012	8/11/2012	3/10/2012	8/11/2012			
Parameter	Units	ODH Indoor Air Screening Levels (Non-residential) <i>a</i>	ODH Indoor Air Action Levels (Non-residential) <i>b</i>				
<i>Tentatively Identified Compounds (TIC) Volatiles</i>							
1R-alpha-Pinene A	ppb	NC	NC	-	-	-	11 NJ
2-Methylbutane A	ppb	NC	NC	-	15 NJ	-	44 NJ
2-Methylpentane A	ppb	NC	NC	-	3.0 NJ	-	7.1 NJ
3-Methylhexane A	ppb	NC	NC	-	-	-	4.4 NJ
3-Methylpentane A	ppb	NC	NC	-	-	-	3.6 NJ
6,6-Dimethyl-2-me-bicyclo[3.1.1]heptane A	ppb	NC	NC	-	3.7 NJ	-	9.1 NJ
Acetaldehyde A	ppb	11	NC	-	-	-	-
beta-Pinene A	ppb	NC	NC	-	-	-	-
Decahydro-2-methylnaphthalene A	ppb	NC	NC	-	-	-	3.5 NJ
d-Limonene A	ppb	NC	NC	-	-	-	4.0 NJ
Ethanol A	ppb	NC	NC	-	18 NJ	-	12 NJ
Ethyl acetate A	ppb	NC	NC	-	-	-	9.5 NJ
Hexanal A	ppb	NC	NC	-	1.3 NJ	-	-
Isobutane A	ppb	NC	NC	-	-	-	5.4 NJ
Methanol A	ppb	NC	NC	-	20 NJ	-	24 NJ
Naphthalene, decahydro-, trans- A	ppb	NC	NC	-	-	-	4.2 NJ
Pinene A	ppb	NC	NC	-	4.6 NJ	-	-
Propane A	ppb	NC	NC	-	U	-	10 NJ
Unknown A	ppb	NC	NC	-	2.8 NJ	-	3.4 NJ
Unknown B	ppb	NC	NC	-	-	-	-
<i>Gases</i>							
Methane	%	0.05	0.05	-	0.20 U ^{ab}	-	0.19 U ^{ab}
<i>Field Parameter</i>							
Methane, field (unfiltered)	%	0.05	0.05	-	-	-	-
Methane, field (filtered)	%	0.05	0.05	0 / 0.0	0 / 0	0.0 / 0	0 / 0

Notes:

- J - The chemical was detected by the laboratory, the listed value is an approximate concentration
- JN or NJ - The listed value of the tentatively identified compound is an approximate concentration
- U - The chemical was not detected in the sample at the detection limit shown.
- UJ - The chemical was not detected in the sample at the approximate detection limit shown.
- NC - No criterion
- Not applicable.
- Concentration was greater than applicable criteria.